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AMERICAN NURSERYMAN

The Nurseryman's Forte: To Make America More Beautiful and Fruitful

FEBRUARY 15, 1952



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18 to 24 ins.	25.00	3 to 4 ft.		2 to 3 ft.	35.00
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The Nurseryman's Forte: To Make America More Beautiful and Fruitful

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AMERICAN NURSERYMAN

F. R. KILNER, *Editor and Publisher*
Kenneth A. Brent, *Managing Editor*

Editorial

PAYMENT FOR PLANS

One of the frequently recurring problems of landscape nurserymen is how to collect for a plan made for a prospective client who subsequently buys the stock elsewhere or hires another nurseryman to do the planting. The problem is more vexing to those nurserymen who operate a salesyard, selling stock without planting, and also a landscape business, in which they make plans and do the planting as well.

From a review of the queries that have reached the editor on this problem and from the discussion heard at meetings of nurserymen, the real basis of the problem seems to be the individual nurseryman's handling of the prospect at the outset. If the nurseryman, when the prospect asks advice about planting his or her home, offers to supply a plan without stipulating that there is to be any charge or condition, who is to blame if the prospect later asserts the belief that it was to be supplied free of charge?

As a matter of fact, some landscape nurserymen admit that they tell the prospects that the plan will be free, originally intending to make merely a sketch. But then the nurseryman is carried away by his optimism and hope that the planting job will run into a considerable sum of money, and then he spends a good deal of time taking measurements, drawing a plan to scale, selecting material and even giving consultation service. When the order is not forthcoming, the disappointment is that much greater.

If the landscape nurseryman cannot cope with the problem in any other way, it would seem simplest to establish a scale of charges which would be made plain to the prospect at the outset. A sketch would cost so much, and a complete plan and consultation would cost so much more. Then, the prospective client would be put in the position of ordering one or the other, and if he did place such an order, there would be no reason for later belief that the service was to be free. Then collection of the nurseryman's bill for the plan, in the event that he did not do the planting, would be recognized.

The Mirror of the Trade

The problem is complicated if the nurseryman allows a rebate for the plan in the event that a specified quantity or value of nursery stock is purchased. Immediately, the value of the plan to the client goes down, in the prospective client's mind, and he is less willing to pay an invoice for it later. Why the nurseryman should not charge for his plan and also for his nursery stock seems a fair question, but apparently not many do so.

The solution to the whole problem can be found in various procedures. Some landscape nurserymen do not haggle about plans, charging them to overhead and expecting to make many on which they do not do the planting. Others adroitly meet the issue by never leaving a plan in the prospective client's hands, but taking it away when a call or consultation is concluded, on one pretext or another. But the problem still vexes the nurseryman who has no set procedure, and in his case the suggestion is offered—for it is a procedure followed by many landscape nurserymen—to acquaint the prospect with his charges for sketches or plans at the outset, as gently and diplomatically as possible, so as to minimize the chances of any misunderstanding.

ZONING ATTACK

In recent years nurserymen have been troubled with regulations and taxes imposed by governmental bodies of one sort or another, through new interpretations of old statutes or by new legislation or regulations. From an entirely new quarter comes an attack on the business expansion of a Massachusetts nurseryman, as is related in the report in this issue of the annual meeting of the Massachusetts Nurserymen's Association.

The nursery in question for years has been in a district zoned for single residences, but in which limited exceptions include "farms, stock farms, greenhouses, nurseries and truck gardens." There is no contention that the nurseryman is not permitted to grow trees, shrubs and plants on the premises. But his efforts to expand the business have met with opposition by the local zoning authorities on a reinterpretation of the local zoning ordinance.

For the purpose of hampering the nursery's expansion, the zoning

authorities contend that, while the growing of trees, shrubs and plants on the premises is permissible, the storage and sale of substantial quantities of such items grown elsewhere are illegal, that the sale of Christmas trees, seeds, fertilizers, tools and accessories are illegal, that its landscape contracting business is illegal and that the maintenance of trucks and other equipment for use in connection with the foregoing activities is likewise illegal.

Needless to say, the nurseryman is defending the suit brought by the municipal corporation in Superior court, because to anyone familiar with the nursery business the contentions in the bill of complaint seem far-fetched and illogical.

But should this sort of reinterpretation succeed, many small nurseries which have grown up within corporate limits and whose owners desire further to expand may find themselves in a similar predicament.

MARYLAND RESTORATION

Taking their inspiration from the restoration of Williamsburg, Va., the Maryland Historical Society has announced plans for a similar project on Maryland's Eastern Shore, where many of the buildings date from the early 18th century. The plan differs from the Williamsburg renovation in that the area includes not one community, but all the nine counties of the Eastern Shore. Arthur A. Houghton, Jr., president of the Corning Glass Co., must be given credit for initiating the idea. When Mr. Houghton moved to the Eastern Shore 15 years ago he took an immediate interest in some of the historical structures of the area. He began a restoration of some buildings on his own property, work that was completed in 1949, and then consulted with several local organizations, such as the Maryland Historical Society, about a survey of the district that would lay the groundwork for a more extensive renovation. This survey was completed in 1951 by the same firm of architects that drew the Williamsburg plans. The cost of the restoration was estimated at \$2,500,000, and the work is to extend over many years. The architects have planned that 52 buildings will be affected, and the work will begin on those structures that have the greatest architectural and historical interest.

Lively Michigan Meeting at Detroit

A spirited group of Michigan nurserymen attended the 30th annual meeting of the Michigan Association of Nurserymen, held at Detroit January 30 and 31 and February 1. An excellent list of speakers, and a well-rounded social program were offered, and, in addition, many of those in attendance took advantage of the opportunity to express their own views on the affairs of the association and on the nursery industry in Michigan.

Harold E. Hunziker, M. J. Hunziker & Sons, Niles, was re-elected president of the association. Also re-elected was Vice-president John J. B. Light, Light's Tree Co., Richland. Walter M. Coon, Farmington Gardens Nursery, Farmington, was elected to a 2-year term on the board of governors to replace retiring member Ernest F. Durrant, Durrant Nurseries, Grand Rapids. At its closing meeting, the board of governors reappointed Bernard Ward, Ward's Flower Ranch, East Lansing, secretary-treasurer for another term.

In his presidential address opening the convention, Mr. Hunziker stressed the appeal which plant products have for the public. He pointed out the great volume of free publicity which is given to nursery merchandise and called upon nurserymen to take advantage of the opportunities this publicity offered. He reminded his audience of the high esteem in which these products are held by the public and urged nurserymen to conduct their affairs on a plane befitting this esteem. He called for better methods of operation and better education for members of the industry.

Opposes Unlimited Imports

C. A. Boyer, chief of the bureau of plant industry, Michigan department of agriculture, took issue with those foreigners who are agitating for unlimited export of plant materials to the United States and censured American diplomats, ignorant of plants and their diseases, who are inclined to accede to the foreign requests in the interests of international trade. He referred to the many diseases and insect pests which were introduced to this country from foreign lands. The best defense against infestation, he said, is to prevent the introduction of questionable stock into noninfested areas.

Nothing less than 100 per cent inspection of imported stock is adequate to give protection to nursery-

men, he continued, quickly adding that inspection as it is now practiced falls far short of this standard. In some cases, only one case of materials out of 100 is inspected, and this



John J. B. Light

only visually. Mr. Boyer cited an instance he had observed at New York in which one boat arrived from Holland with 100,000,000 bulbs aboard. He pointed out that it would take his 27 Michigan inspectors three months adequately to inspect that one shipment.

Discusses U. S. D. A. Policy

He praised the policy of the United States Department of Agriculture in permitting interested state plant boards to screen requests made to the U. S. D. A. for importation of foreign plant materials, but on the other hand he expressed wonder at why department officials will allow stock to be released for national distribution when they know most states will refuse to accept it. He particularly objected to the federal policy of permitting infested stock to be shipped in this country simply because "the pest is commonly known" in the United States.

Mr. Boyer dismissed the argument that foreign inspectors are superior to those in the United States, citing the large amount of infested stock received here to demonstrate the point. Since we cannot depend on the foreigners, we must strengthen our own inspection, he continued. He disagreed with those who believe the situation can be helped by sending American inspectors abroad, maintaining that a better job can be done at United States ports of entry.

Since most nurserymen are willing to acknowledge their shortcomings in the field of merchandising, the presence of James A. Brunner on the program was welcomed by the audience. Mr. Brunner is professor of marketing at the University of Toledo, and he spoke on "Use of the Most Effective Techniques of Selling." These are the techniques which have fallen into disuse during the heyday of "order-taking" salesmen.

Mr. Brunner drew on his own experiences as a purchaser of nursery stock to illustrate some of his points. He told of an informal survey he had made of several nurseries in one Ohio area. In half of the nurseries he entered, nobody in the office acknowledged that a customer had arrived, and in several nurseries he had to wait two or three minutes before he received the clerk's attention, despite the fact that the clerk was not doing anything in particular at the time. Furthermore, when he finally did receive attention, the clerks in most cases sold him the item he asked for and made no attempt to sell related merchandise. Related item selling, the speaker observed, is one of the keys to extra sales.

He mentioned the success of mail-order firms in selling from catalogs and went on to say that the local nurseryman should easily be able to meet the competition of the mail-order men by capitalizing on the advantages possessed by the local nursery. In the neighborhood store, the customer can inspect the items he wants to buy, a decided sales advantage, which leads to greater consumer satisfaction. The local nursery can and should provide immediate delivery and can render follow-up service, which is difficult or impossible for the mail-order firm.

Know the Product

The local salesman must be prepared to present the product as dramatically as it is done in the mail-order catalog; he must build up the product in the mind of the consumer. He must know his product thoroughly and must keep firing information about it at the consumer until he hits on the point that makes the sale.

A knowledge of the product, which can be obtained from the manufacturer, from trade magazines, trade associations and other sources, also helps the salesman to overcome cus-

[Continued on page 81]

AMERICAN ASSOCIATION OF NURSERYMEN

RICHARD P. WHITE.
EXECUTIVE SECRETARY



636 SOUTHERN BLDG.,
WASHINGTON 5, D. C.

A. A. N. CONVENTION PLANS

Plans for the 77th annual convention of the American Association of Nurserymen, to be held July 13 to 17 at the Hotel Statler, Detroit, Mich., have progressed to the point where it is safe to predict that this meeting will be one of the finest and most comprehensive in the long history of the association. The planning committee for the convention has already held several meetings, and much additional activity will take place between now and the time of the convention.

For the speakers' program, it has been proposed that the Tuesday sessions be devoted to two nurserymen's workshops, one in the morning on production problems and one in the afternoon on merchandising problems. Among the subjects tentatively set for discussion at the morning session are inventory for tax purposes, the use of foreign help, quick freezing, machine planting, foliage feeding of nursery stock, chemical weed control and insect and disease control. At the afternoon session, nurserymen may learn of such topics as what size of fruit trees is best for salesyards, planning tie-ins with the "Plant America" program, complaints from customers, credit policies, guarantees and markups on nursery stock.

An interesting feature of these meetings that has been suggested is the use of "reverse panels." In this setup, the members of the panel will ask questions of the audience instead of the usual procedure of answering questions from the audience. Once a question is asked, the audience will explore the subject until it has been resolved. This, the committee believes, will allow for a wider range of viewpoints than can be obtained from the conventional panel session where the panel members themselves express most of the opinions.

Other subjects which are likely to find a spot on the convention program include telephone techniques, hiring and training personnel and cost accounting.

On the lighter side, a diversified program of entertainment is being planned. For all in attendance, luncheons are tentatively scheduled for Monday and Thursday, with the annual banquet on Wednesday eve-

ning. A hospitality room will be open during the evenings which will offer snacks for those who wish to partake of them. The name of the hospitality room this year will be the "Jalopy Room," in honor of the Motor city. Courtesy coffee will be served each morning in the exhibit rooms.

An outstanding entertainment feature being planned will be a 5-hour boat trip for Monday afternoon. The facilities aboard the boat will include an orchestra, and a buffet supper will be served.

Special events are being planned for the women and children in attendance, including a ladies' reception and tea and a ladies' luncheon. For the teenagers there is planned a tour of Greenfield Village, which will probably also attract many of the older guests, and a special teenage boat trip on Wednesday morning.

Exhibits, both commercial and educational, will be on hand to satisfy the members' desire for further information on products and services.

A. A. N. DIRECTORS MEET

During their 2-day session at Chicago, January 13 and 14, the members of the board of directors of the American Association of Nurserymen reviewed the activities of the organization for the past year and considered plans for operations in 1952.

Of prime importance to members was the report to the directors by the secretary on the present status of the A. A. N. group insurance plan. When the wage stabilization board had given authorization for fringed benefits by means of regulation 19, giving clearance for such programs, the regulation was so worded that every participating member of the A. A. N. would have had to make his individual application for such benefit. Consequently, the insurance companies requested the wage stabilization board to rewrite the regulation in such a manner as to permit each association involved to make one application covering all its members. The wage stabilization board agreed to do this, but has not taken such action. Hence the A. A. N. group insurance plan is in the same position as it has been for several

months, waiting for action by the wage stabilization board.

The project of the association for a statistical reporting service was supported only by 19 firms by their submitting data for the 1951-52 analysis. Hence the board of directors discussed discontinuance of the project, the balance in the funds contributed for that purpose to be held until the meeting in July for disposition at that time.

Forty-five firms' applications for membership were accepted.

The secretary reviewed the quarantine situation relating to the foreign propaganda being distributed in this country by representatives of foreign governments, directed toward the proposition of opening up additional ports of entry for importation of foreign nursery stock and also for the sending of United States inspectors into foreign countries to do inspection of stock there rather than at port of entry here in this country. The directors approved the secretary's position of seeking further limitations of imports of plant materials, restricted to those necessary for propagation purposes and then under postentry quarantine requirements. Publicity and organization support were to be sought.

The proposition of proxy voting by chapters was considered of importance only in the case of one chapter and hence the directors recommended no change in the bylaws in that respect.

J. Franklin Styer, Concordville, Pa., was appointed chairman of the botanic gardens and arboreta committee to fill the vacancy caused by the death of Robert Pyle.

Richard Bloss, of the Sneed Nursery Co., Oklahoma City, Okla., was appointed parliamentarian for a 2-year period to serve on a voluntary basis.

B. J. Manahan and a large group of his Detroit convention committee met with the directors to review plans for the annual meeting in July, which were indicated as having progressed quite satisfactorily.

PENNSYLVANIA ELECTION

At the annual meeting of the Pennsylvania Nurserymen's Association, at Philadelphia, January 30 and 31, the following were elected officers: President, Eugene Muller, Norristown; first vice-president, Lewis E. Barr, Lancaster; second vice-president, Albert F. W. Vick, Jr., Narberth, and secretary-treasurer, Wilbur I. Nisley, Harrisburg. Full report of the convention will appear in the next issue.

Ohio Association Holds Annual Meeting

By L. C. Chadwick

The 54th annual meeting of the Ohio Nurserymen's Association, held at the Neil House, Columbus, January 23 to 25, proved to be one of the largest meetings in its history. An outstanding program was presented, which was coupled, as usual, with "Ye Old Tyne Dinner" and fine entertainment.

Officers elected for 1952 were Charles Kohankie, Painesville, president; Joe L. Strickfaden, Sandusky, vice-president, and Frank Turner, Springfield, re-elected secretary-treasurer. Howard Kyle, Tipp City, and Merton Natorp, Cincinnati, were elected to 2-year terms on the executive committee, and David Metzger, Youngstown, was elected to a 1-year term. Additional members, whose terms of office on this committee do not expire until 1953, include George F. Gens, Elyria, and G. Bret Slemmons, Worthington.

The program for Wednesday afternoon, January 23, sponsored jointly by the department of horticulture of Ohio State University and the association, was attended by nearly 300 persons. Report of this session appears elsewhere in this issue, in conjunction with the report of the Ohio short course held earlier in the week.

Other features of the meeting were several displays of equipment, plants, charts and pictures of results of the Ohio Nurserymen's Association research project and a continual showing of colored slides of plant materials.

Economic Forecasts

Thursday morning, January 24, President Lewis S. Bookwalter, Berryhill Nursery Co., Springfield, introduced the first speaker, Prof. Mervin W. Smith, department of agricultural economics, Ohio State University, who discussed "The Economic Situation." Professor Smith presented a table showing the position of our economy. Percentage increases since June, 1950, were noted as follows: Gross national product, 22; cost of living, 11; food prices, retail, 14; prices received by farmers, 23; prices paid by farmers, 12; farm labor wages, 12; fertilizer prices, 6; farm machinery, 12; farm supplies, 12.

Several assumptions must be con-

sidered in forecasting the outlook for the next few months and over a long term. Paramount among these assumptions were: We shall not have an all-out war or all-out peace in the next year. The international tension



Lewis Bookwalter, Berryhill Nursery Co., Springfield, O., and 1951 president of the Ohio Nurserymen's Association, left, congratulates his successor for 1952, Charles Kohankie, Julius Kohankie & Sons, Painesville, O., at the January meeting of the association.

will continue for a number of years. Our defense build-up will continue about as planned; we are now about halfway to the peak. Help in building defenses of other free nations will continue for the next few years. No marked decrease will occur in regular nonmilitary expenses of government.

Professor Smith made the following points, among others, in forecasting the outlook for the next few months: The general price level will change only slightly in the next few months, possibly 1 to 2 per cent up. Demand for food will remain strong; only slightly less civilian durable goods at higher prices. Wages of large businesses will be increased 5 to 8 per cent in the next few months. No new tax increases this spring. Farm costs are likely to edge up, while farm prices remain steady.

Forecasts for the long term outlook, 1953 and beyond, were: The general price level and the cost of living will rise 2 to 5 per cent per year. Farm profits will not improve and may decrease relative to nonfarm opportunities in the next two years. Labor supply will be tight in the next two years at least. High tax rates will continue for two or

three years at least. Agriculture will become more businesslike and will receive incomes more nearly comparable with other vocations.

Nurserymen in making their plans for the future might well consider the following points: Demand for nursery stock should be strong, with incomes and employment high and durable goods slightly limited. Since labor will cost more, nurserymen should use it more efficiently. Everything should be checked to save labor, to eliminate jobs and to save time in doing jobs. Do the job at the right time. Supplies for nurserymen should be planned and ordered early. Prices will not go down, and supplies of some items will be tight. Check size of your operation for efficiency. The average nurseryman likely will make slightly less profit in 1952. To keep his profits up he will need to have efficient production.

In closing, Professor Smith stated that democracy depends on an understanding of public problems. We have had freedom of enterprise and a code of moral ethics. Industry, labor and farmers must get together if we hope to solve our national and international problems.

A. A. N. Activities

R. P. White, executive secretary of the American Association of Nurserymen, stated that his predictions of trends in the nursery business would be printed in the American Nurserymen and in general they agreed with those of Professor Smith.

Dr. White predicted that ways and means would be found to keep home construction up. Nurserymen will still cash in, in 1952, on the 6,000,000 units built since the war. Home ownership has increased 10 per cent in the past 10 years. This year will determine whether we, as a country, will go all-out for socialism or reject it.

A short business meeting closed the morning session. Reports of the president, the secretary-treasurer and several committee chairmen showed that the affairs of the association were well in hand and that considerable advancement had been made during the year. Twenty-four new members joined the Ohio Nurserymen's Association during 1951, and all committees have been active during that period.

Thursday's afternoon program was

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Photographs at Columbus meetings by Jack Strader, department of horticulture, Ohio State University.

Arborists' Day Opens Ohio Short Course

By T. F. Mathieu

The arborists' program opened the 23rd annual Ohio short course, held at the Neil House, Columbus, January 21 to 23, under the auspices of the department of horticulture and forestry of the Ohio State University and under the direction of Dr. L. C. Chadwick. Attendance of about 300 men and women came from eighteen states and Canada.

The displays were both educational and practical in concept. Many plants usually considered as conservatory plants were displayed for study. There was also an automatic slide projector in which was shown slides, in color, of many ornamental trees and shrubs. A scale model of an aeration system which might be used to protect trees where grade changes involve a fill over tree roots attracted much favorable comment. All displays were arranged under the supervision of Willard Lindberg, a graduate student in the department of horticulture of Ohio State University.

Oak Wilt in Ohio

The first day opened with a report on the status of oak wilt in Ohio by George Bart, department of botany and pathology, Ohio State University. Mr. Bart reported that oak wilt, *Chalara quercina*, was discovered in Ohio in 1950. Three trees were definitely proved to be infected with the fungus. During 1951, as the result of an aerial and ground survey in 15 counties, 40 trees were found to be infected with the fungus. More surveys are planned for 1952. No method of control has been de-

termined except to remove and destroy all infected trees. Trenching around infected trees has prevented the spread through root grafts. No other means of spread has been determined to date.

The planes and personnel for the aerial survey were supplied by the division of forestry of the state of Ohio.

Current Problems

"Can Arboriculture Solve Its Current Problems?" was discussed by Noel Wysong, president of the National Shade Tree Conference. The outstanding problems are: (1) What can be done to provide work during the winter months for men employed by northern arborists? (2) What can arborists do to decrease their rate of labor turnover? (3) What can be done to increase the supply of trained workmen?

Mr. Wysong suggested the following as a means of solving the problems, at least in part if not completely. With reference to providing work during the winter months the activities of the arborist could be expanded to include snow removal, cutting fuel wood, big tree moving, and operating a tool and equipment and supply business. If these activities are not practical, it was suggested that winter work could embrace line clearance and street tree pruning and removal, and some arrangement could be worked out whereby employees could be sent to work with southern arborists for the winter. In order to facilitate the latter, a central agency might be es-

tablished where arborists from the south and the north could make their needs known, employees available listed and the corresponding arrangements made for the transfer of employees for definite periods.

With reference to decreasing the turnover in labor, other labor fields offer higher wages, annual vacations with pay, retirement plans, life insurance and profit-sharing plans. Mr. Wysong quoted figures showing that skilled and unskilled labor in industry were offered considerably higher wages than those offered in arboriculture. A possible means of correcting this condition is by raising the scale of charges for work. Further, a continuing general public educational program must be initiated and maintained to make the public more aware of the value of trees. The same low scale of wages holds for municipal arboricultural departments. Here, again, there is a need to raise the wage scale in order to keep good men and not lose them to other higher-paying industries. Mr. Wysong pointed out, also, that the wage scale for arborists has not risen with the cost of living increase. The prices charged now for many commodities are three times what they were 20 years ago and the average wage is about twice what it was 20 years ago. Still one must live. Another factor is government regulation of changes made in wage scales and price schedules.

Problem 3 is "What can be done to increase the supply of trained workmen?" Arboriculture is a pro-

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R. S. Barnhardt, center, superintendent of parks, Akron, O., as he addressed the arborist's day meeting at Ohio State University short course. Looking on are, left, T. F. Mathieu, department of horticulture, Ohio State University, and right, J. A. Sweeney, city forester, Toledo, O.

Landscape Gardeners' Day at Columbus

By Jack D. Strader

Three lengthy and highly informative talks opened the program on landscape gardeners' day, January 22, at the Ohio short course at Columbus. Prof. Victor H. Ries, of the department of horticulture at Ohio State University, discussed plants that will grow in the shade, with numerous recommendations. J. A. Aitken, of Rosehall Nurseries, Ltd., Brantford, Ont., showed photographs and talked of mechanized landscape equipment.

Prof. H. B. Musser, of the department of agronomy at Pennsylvania State College, discussed the advantages and disadvantages of various newer lawn grasses. Because of the length and importance of these talks, they will be reported in later issues of the American Nurseryman when adequate space is available.

Soil Conditioner

Dr. W. P. Martin, of the department of agronomy at Ohio State University, spoke on "Synthetic Soil Aggregating Conditioners for Lawns and Planting Sites."

Krilium, a product of the Monsanto Chemical Co., was the synthetic soil conditioner discussed. Dr. Martin talked about the material and passed samples among the group to examine. This material was recently introduced via television to the public. A motion picture made by the Monsanto Chemical Co. was then shown.

The product does not contain any nutrients and has no effect on pH of the soil. It is nonpoisonous to plants, animals and human beings.

Results shown in the motion picture indicate that more extensive root systems were developed when plants were grown in soil treated with Krilium. Larger leaves and root systems were obtained on tobacco plants grown in treated soil. Dr. Martin indicated that on one of the oats plots at Ohio State University where the soil had been treated with Krilium the yield was increased significantly. With some crops grown in treated soil, it was also noted that no increase in yield had been obtained in comparison to the check plots. Another significant point of interest was that on treated plots at Ohio State University there has been no reduction in aggregation percentages for the past 24 months.

At the present time Krilium is not

on the market. The Monsanto Chemical Co. expects to have a limited quantity for sale within one year.

Prof. Alex Laurie, of the department of horticulture at Ohio State



W. R. Leslie, superintendent, Dominion experimental farm, Morden, Man., Canada, addresses the meeting on landscape gardener's day at the Ohio State University short course.

University, presented a talk entitled "Landscaping the Interior." Accent was on the use of tropical plants in commercial and home decoration. He discussed varieties easy to grow and also those difficult to grow, along with a selection of small vines and upright plants.

By proper selection of these plants much pleasure can be obtained from their use. Coupled with proper selection Professor Laurie stressed that sales personnel should have adequate knowledge of the plants to inform the buyer of the few necessary practices in watering, temperature, fertilization and light exposure necessary for best maintenance of the plants.

In a discussion of these plants the following were presented as being large and relatively easy to grow: *Ficus pandurata*, *Ficus elastica*, *Sansevieria zeylanica*, *Sansevieria trifasciata laurenti*, *Aspidistra lurida*, *Howea belmoreana*, *Pandanus veitchii* and *Dracaena warneckii*.

It might be noted that these plants require shade, will stand temperatures from 50 to 75 degrees and can be kept on the dry side without appreciable damage.

The following plants are large foliage types and are somewhat difficult

to grow: *Philodendron pertusum*, *Philodendron hastatum*, *Philodendron dubium*, *Philodendron pandiiformis* and *Philodendron cordatum*.

These can be best grown on totem poles, bark, mossed standards and cypress knees. When these plants are attached to standards that are retentive of moisture, as the mossed standards, growth is assured. The mossed standards may be kept moist by the insertion of a small pot in the top of the standard and filling it periodically with water. When these plants are grown on structures such as cypress knees and bark, frequent syringing is necessary.

Small vines and upright plants recommended for home use are *Philodendron cordatum*, *Pothos goldiana* (sport of *wilcoxii*), *Pothos Silver Streak* (sport of *Silver Marble*), *Peperomia obtusifolia*—green and variegated, *Peperomia sandersi*, *Syngonium hoffmani* and *wendlandii*, *Nepenthes Tri-Leaf Wonder*, *Nepenthes liberica*, *Dracaena godseffiana*, *Dracaena sanderiana*, *Maranta kerchoveana*, *Hedera helix*, *Cissus rhombifolia* and *Cissus antarctica*.

The foregoing plants do best in a highly organic soil. Therefore, a potting mixture of one-half soil and one-half peat or coarse leaf mold is essential. Ph of the soil can range from 6.0 to 7.0.

Home Growing Conditions Ideal

Conditions in homes for growing these plants were cited as ideal, since the temperature in most homes is at a minimum of 60 during the night and averages 70 during the day. For those plants subjected to intense shade, possibly in some corner, he recommended that a light should be left on a few hours during the evening to compensate for the reduced light intensity during the day. Direct sunlight was not advocated for best results, and drafts should be avoided. Fertilization of these plants when grown in the home should be practiced every two to three months. A liquid fertilizer that has nitrogen in a soluble form is preferred. Drainage is especially important. As long as drainage is adequately provided, there is little possibility of overwatering. When containers have no drainage holes, care must be taken in watering.

When house plants are growing too

[Continued on page 21]

Nurserymen's Day at Ohio Course

By B. C. Smith

The third day of the short course at Columbus sponsored by the department of horticulture of Ohio State University and the Ohio Nurserymen's Association was nurserymen's day, January 23. It was opened by Dr. L. C. Chadwick, who presented a resume of nursery research problems at the university, which included plant propagation, weed control, soil productivity, pot culture of hardy chrysanthemums, plant selection and adaptability. Some of these research findings have already been reported in these columns, and other sections of his report will be presented in detail in a later issue.

"The Propagation of New and Rare Plants" was the subject of a talk by Richard H. Fillmore, propagator at the Arnold Arboretum, Jamaica Plain, Mass., whose articles on propagation were recently featured in this magazine. Some of his comments on the multiplication of rare plants will appear later.

The usual report on investigations of nursery insects during the year was made by Dr. R. B. Neiswander, department of entomology, Ohio agricultural experiment station, Wooster. The principal insects on which he reported were juniper midge, holly leaf spider, spruce mite and European pine-shoot moth.

"Observations of Some Nursery Practices in Europe" was the subject of an interesting talk by Dr. F. S. Howlett, department of horticulture,

Ohio State University. He presented observations he made in Europe during his recent mission to Yugoslavia. He discussed the Malling stocks for apples. Some of these did not have the dwarfing effect which pomologists some years ago had anticipated. Malling 2 is gradually being substituted for Malling 9 as a dwarfing stock because the root growth and vigor of Malling 9 have not been satisfactory.

Pomologists in England are very conscious of virus diseases on fruit trees and strawberries. They seem to be further advanced in this phase of research than American pomologists. In both England and France numerous deficiencies were observed in the vegetation. Europe lags far behind the United States in plant tissue analysis practices and predictions of nutrient deficiencies.

Dr. Howlett also showed colored slides of European areas, emphasizing the impact of World War II upon agricultural developments.

Production Practices

Speaking on "Nursery Stock Production Practices," William P. Howe, Jr., Howe Nurseries, Pennington, N. J., presented some timely information on nursery practices from his own experience. He revealed how his nursery was rebuilt after the war and after soil-depleting practices had been going on for several years.

To substitute for the four or five

years of sod crops recommended for building up the soil, Mr. Howe obtained large quantities of damaged straw purchased for slightly more than cost of haulage and placed on the fields as a mulch. Corn cobs were used for the same purpose whenever available. Any deficiencies caused by such organic matter were prevented by the addition of Aerocynamid or sulphate of ammonia. Contour plantings and sod conserved water, thus insuring better growth of nursery stock.

Trees of 1½ to 2-inch caliper were lined out in sod to be grown to 3, 4 and 5-inch caliper for retail trade. The rows were 15 feet apart, and trees were planted six feet apart in the row. Every other plant was sold as a thinning operation in order to give more room for development of the remaining trees. Over 30 acres are now in sod culture. Plants being grown in sod include: Oak, ginkgo, sour gum, plane, maple, dogwood, pine, spruce, honey locust, apple, flowering crab apple, sweet gum, crataegus and viburnum.

Mr. Howe likes a sod formed by seed mixture of eight pounds of timothy and one-half pound of Ladino clover per acre. It is mowed four or five times during the summer, depending upon the growth. The grass is not allowed to grow higher than 12 inches before mowing because of the smothering effect on the sod by heavy mowings.

Prof. Wallace Mitcheltree, of the New Jersey extension service at Rutgers University, New Brunswick, N. J., gave a convincing demonstration of the necessity of proper soil management. He illustrated graphically the porous arrangement of soil particles of well-managed soil as compared to the poorly aggregated soil in areas under clean cultivation.

The day ended with an interesting panel discussion on the subject, "Pruning Evergreens in the Nursery," under the leadership of Dr. Chadwick. John Siebenthaler, of the Siebenthaler Co., Dayton, was unable to be present, but sent a paper with a number of instructive suggestions, while more were presented in person by Hans Dieckmann, of the Dieckmann Co., Elm Grove, W. Va., and Francis Turner, of the Berryhill Nursery Co., Springfield, O. Detailed report of their remarks will appear in a later issue.



L. C. Chadwick, department of horticulture, Ohio State University, left, speaks during nurserymen's day at the short course. Others at the table are Frank Turner, Berryhill Nursery Co., Springfield, O., center, and Hans Dieckmann, the Dieckmann Co., Elm Grove, W. Va., right.

Insect Control Featured at Kentucky

By Howard G. Tilson, Secretary

The 26th annual winter meeting of the Kentucky Nurserymen's Association was off to a pleasant start with a luncheon at 12:15 p. m. in the Red room of the Lafayette hotel, Lexington, January 22, with exactly 50 persons in attendance. Latecomers drifted in during the afternoon to push the registrations over the 60 mark.

The entire slate of officers was re-elected, with a new delegate to the board of governors of the American Association of Nurserymen being named. Following is the slate:

President, Walter Hillenmeyer, Hillenmeyer Nurseries, Lexington; vice-president, R. F. (Tommy) Martin, Martin's Nursery, Carrollton; secretary, Howard G. Tilson, Kentucky experiment station, Lexington; treasurer, Grace G. Walker, Kingsley Walker Co., Louisville; committeeman, Herbert F. Bunton, Bunton Seed Co., Louisville; A. A. N. delegate, Walter Hillenmeyer.

President Walter Hillenmeyer called the opening session to order at 1:30 p. m. and introduced Mayor Fred Fugazzi, who officially welcomed the visitors to Lexington.

President's Address

The president's address by Mr. Hillenmeyer was informative and interesting. In 1951 there were 15 new members added to the association, with two additional members since January 1, 1952.

He described several new or intensified problems of nurserymen: 1. There were severe winter losses in 1950-51. 2. Late spring season in 1951 resulted in a crowded work schedule. 3. There are a shortage of seasonal labor and increased over-all labor cost. 4. Cost of materials is still advancing. 5. Winter damage to scion wood resulted in unusual losses in propagated stock in 1951. 6. Increase in taxes and in social security payments will take larger share of profits from nursery businesses.

Among the items of the brighter side of the picture Mr. Hillenmeyer mentioned: 1. The building program for homes is apparently going ahead. 2. The postwar birth rate is up. These people will be of marriageable age in 1959-60. This should result in more new homes and increased demand for nursery stock. 3. There is no sign of overproduc-

tion of nursery stock for at least three years.

Dr. J. G. Rodriguez, research entomologist of the Kentucky agricultural experiment station, gave an informative talk on the control of red spider on conifer evergreens in the nursery. He showed several slides giving the results of research carried on in cooperation with Hillenmeyer Nurseries.

The Spruce Mite

The red spider with which most difficulty on evergreens is found is the spruce mite. Dr. Rodriguez gave some background information on this insect. The pest passes the winter in the egg stage; these eggs are reddish in color and stick to the plant foliage. Populations build up rapidly during May and June, if the weather is warm and there is not too much heavy or driving rain. There are a leveling off of populations during midsummer and another build-up in late summer or early fall. Heavy rainfall is the best natural control.

The results of experimental trials using several miticides under nursery conditions are given in table I.

With another test to compare the effectiveness of two of the miticides, using three varieties of junipers, the

results shown in table II were obtained by counting the number of living mites on 3 to 4-inch sprigs selected at random at a given number of days following application of the miticide.

In the tests shown in tables I and II, the materials were applied with a knapsack sprayer (3-gallon size) and the foliage was completely wet until there was some runoff.

Another test was made using a power sprayer on spiny Greek junipers and counting the living mites on sprigs similarly as was done in test number two above. This is charted in table III.

No sprays in any of the tests were applied when the temperature was above 85 degrees Fahrenheit. There was no apparent injury to any variety of evergreen in the test. The apparent superiority of Ovatan as a miticide was shown throughout the tests. The residual killing power of Ovatan is explained by the fact that this miticide is an ovicide, killing the eggs of spruce mite as well as the adults.

Japanese beetle, white-fringed beetle and European chafer were discussed by Howard G. Tilson,

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TABLE I.

Miticide	Percentage kill		Mites found per sprig at 34 days
	at 5 days	at 16 days	
Sulphenone, 40% material 2 lbs. per 100 gals. water.....	99	89	1.5
Aramite, 25% material 2 lbs. per 100 gals. water.....	88	89	5.5
EPN-300, 25% material 1 lb. per 100 gals. water.....	75	62	30.0
Parathion, 15% material 1 lb. per 100 gals. water.....	91	65	11.2
Ovatan, 50% material 1 lb. per 100 gals. water.....	99	100	0.3
Parathion, 1 lb., and Ovatan, 1 lb.....	99	100	0
Dimite, 1 pt. per 100 gals.....	100	94	1.9
TEPP, 20% material ½ pt. per 100 gals. water.....	93	63	5.8
TEPP, 20% ½ pt. 100 gals. Ovatan, 50% 1 lb. 100 gals.....	99	100	1.0

TABLE II.

Miticide	Number mites per sprig at		
	6 days	25 days	35 days
Ovatan, 1 lb. per 100 gals.....	0	0	0
Dimite, 1 pt. 100 gals.....	0	0.02	0.03
Check (no treatment)	7.4	10	24

TABLE III.

Miticide	Number mites per sprig at		
	6 days	16 days	35 days
Ovatan, 1 lb. 100 gals.....	0.08	0.08	0.9
Sulphenone, 2 lbs. 100 gals.....	1.9	7.6	14
Check (no treatment)	14	4.7	100

New Jersey Elects

By Raymond P. Korbobo, Secretary

On Thursday, January 31, the New Jersey Association of Nurserymen met in the Hotel Hildebrecht, Trenton. This was an adjourned meeting held over from the Atlantic City meeting of December 5. Each year in conjunction with farmers' week the men from Jersey get together for their annual winter meeting.

The slate of new officers, delegates and alternates to the A. A. N. that was posted by the nominating committee in the December meeting was elected. The new officers are as follows:

President, William H. Wells, Jr., Cumberland Nurseries, Millville, N. J.; first vice-president, Samuel Blair, Blair's Nurseries, Nutley, N. J.; second vice-president, Russell M. Bettes, Piedmont Landscape Co., Princeton, N. J.; treasurer, August G. Kindsgrab, St. Cloud Nurseries, West Orange, N. J., and assistant treasurer, Charles Ur, Maple Grove Nurseries, Montville, N. J.

Trustees Elected

This year for the first time trustees were elected, and they are Charles Hess, Hess Nurseries, Mountain View, N. J.; Lou Schubert, Somerset Rose Nurseries, Inc., New Brunswick, N. J., and Fred Noble, Lovett's Nurseries, Little Silver, N. J. William H. Wells, Jr., the new president, was also elected as a delegate to the American Association of Nurserymen. The constitution was amended at this meeting, and under the new amendment the office of assistant treasurer has been set up.

August Kindsgrab, West Orange, treasurer of the association, gave his annual financial report. In his report Mr. Kindsgrab pointed out that under the able leadership of Otto Bergmann, Otto Bergmann, Inc., Paramus, the membership committee has added 15 new members to the roster during the past year. This brings the active membership list up to 106.

President Gerard Grootendorst, Oakland, told of an appointment of a member of the New Jersey Association of Nurserymen to the turf committee for the first time. This is a committee sponsored by the turf department at the college of agriculture, Rutgers University, New Brunswick, which consists of representatives of various commercial

groups which have a direct interest in turf problems. It was pointed out that Dr. Ralph Engel, of the turf department at the college of agriculture, felt that those other than golf course personnel should be interested in turf problems; he thought that the nurserymen's group should be represented. This group will work hand in hand with Dr. Engel in order to find ways and means toward an effort that will benefit all concerned. Walter Ritchie, Rahway,

N. J., was the man appointed to this position.

Mr. Grootendorst also explained to the group that the wheels of the machinery have been set in motion to hold what will be known as the Mid-Atlantic farm show at Atlantic City in December of each year. The New Jersey Association of Nurserymen has been invited to participate in this annual event, and a committee will be appointed to handle the details.

The Seller's Side

The first speaker on the day's program was Albert Flemer, of Flemer & Flemer Nurseries, Springfield,

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Long Island Meeting

By Clarence E. Lewis

The annual winter meeting of nurserymen and estate superintendents, sponsored by the extension services of Long Island's Nassau and Suffolk counties, was held at Knapp Hall, of the Long Island Agricultural and Technical Institute, Farmingdale, January 22, with 150 men and women in attendance.

The chairman of the morning meetings, Charles Moquin, Long Island nurseryman, introduced Director Halsey Knapp, of the Long Island Agricultural and Technical Institute, who gave some entertaining words of welcome.

Unusual Plants

Clarence E. Lewis, a senior instructor of the institute, discussed new and old shrubs and trees. Kodachrome slides showed the colorful flowers and growth habits. First were slides of pink summersweet, *Clethra alnifolia rosea*, and spiked and fragrant winterhazels, *Corylopsis spicata* and *glabrescens*. The first plant is valued for its fragrant pink flowers during the summer period when there is an absence of flowers on our shrubs. The second pair has yellow flowers in early spring and interesting green to bronze-green leaves, after the flowers. The *corylopsis* are shrubs from which cuttings may be taken during the winter period and forced into flower by the homeowner.

Other plants, not new but strange to many of those present, included

Clarence E. Lewis is instructor at the Long Island Agricultural and Technical Institute, Farmingdale, L. I., N. Y.

Potanin indigo, *Indigofera potanini*; Kirilow indigo, *Indigofera kirilowi*; shrubby cinquefoil and its varieties, *Potentilla fruticosa*; Henry St.-John's-wort, *Hypericum patulum henryi*, and other dwarf hypericums; oakleaf hydrangea, *Hydrangea quercifolia*; birchleaf viburnum, *Viburnum betulifolium*, and such broad-leaved evergreens as Stokes and Green Island hollies, *Ilex crenata Stokes* and *Ilex crenata Green Island*, and Wilson rhododendron, *Rhododendron laetivirens*. Only two narrow-leaved evergreens were mentioned, lacebark pine, *Pinus bungeana*, and Macedonian pine, *Pinus peuce*.

Hardiness, flower value and use in the landscape planting were the bases of the talk about the above plants.

Weather and Diseases

Dr. D. S. Welsh, extension plant pathologist of Cornell University, continued the program with a talk, augmented with Kodachromes, on the relation of weather conditions to plant diseases.

In describing black leaf spot of roses, Dr. Welsh reminded the listeners that it varies in its severity. Some rose varieties suffer more than others, but temperature and moisture are essential for spore development. After the spores are developed on foliage which is on the ground, a heavy rain does the job of carrying them to the plant. The spattering of the raindrops propels the spores to the plant, where infection results.

Powdery mildew, a superficial dis-

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Tennessee Studies Planting Program

By Robert W. Boyd, President

The 57th annual convention of the Tennessee Association of Nurserymen at the Hotel Andrew Jackson, Nashville, January 30 to February 1, opened with a smoker sponsored by the Davidson county nurserymen, with approximately 50 present.

Over 100 members, wives and guests were included in the total registration. A good attendance appeared at the opening session, with President H. R. Potter, Joelton, presiding. Richard H. Jones, a past president of the American Association of Nurserymen, was in charge of the speaking program, and many of the old-timers felt that this was one of the finest programs in the history of the Tennessee association.

A. N. Pratt, state horticulturist, addressed the group on "Commercial Orchard Trends and Their Relation to Nurserymen." Mr. Pratt advised the nurserymen that there will soon be an all-purpose spray on the market for the home gardener that should help out in the spray program for fruit trees and small fruits.

Fred C. Galle, of the department of horticulture, University of Tennessee, addressed the group on "Shade Tree Problems," in which he told of the many shade trees that were going out and of the trees that were recommended to take their places. In this group were the thornless honey locust, sycamore, white and green ash, hackberry, scarlet and Norway maple and others. His talk was greatly enjoyed, and a discussion followed on the merits and demerits of various shade trees.

At the luncheon, Dean N. D. Peacock, University of Tennessee, was the featured speaker on "Progress in the Horticulture Department of the University." President Potter appointed a committee, composed of Hoskins Shadow, Richard H. Jones and John Boyd, to meet with Dr. Peacock to work out a program that would insure more research and more facilities for horticulture at the state university, with nurserymen cooperating fully.

"Plant America"

The Thursday afternoon session was devoted to "Plant America" and "Plant Tennessee." Several leading members of Tennessee garden clubs were in attendance. Mrs. Pat Swaney, president of the Tennessee Fed-

eration of Garden Clubs, spoke to the nurserymen on a state-wide conservation program and assured the nurserymen that the garden clubs would cooperate fully with the nurserymen in the "Plant Tennessee" program. Mrs. W. T. Mallison, Jr., conservation chairman of the Tennessee Garden Club Federation, spoke to the nurserymen regarding the Blue Star markers at the entrances to the state. The nurserymen will cooperate in planting these markers and beautifying them.

Mrs. Claude Givens, Chattanooga, told the group of the work that the garden clubs had done in Chattanooga, with a city-wide program in which 5,000 white dogwoods, 500 pink dogwoods and numerous red-buds were planted along the streets, at the city's borders and in private yards. The nurserymen were assured that the garden clubs would contribute to the joint scholarship award of the nursery association and garden clubs. Robert W. Boyd presented Dean Peacock with a check for \$150 as the association's contribution toward the award made annually to an outstanding University of Tennessee horticulture student.

Peter Cascio, vice-president of the A. A. N., was the featured speaker of the afternoon session. He told the group of the work being done in Connecticut regarding the "Plant America" program. Mr. Cascio brought along pictures, charts, newspaper clippings and other material

showing the great work being done in Connecticut and other states in the "Plant America" program. He gave the members many new ideas in helping this program to progress, telling how to tie in with the national publicity, sales programs and advertising in a well coordinated plan.

The annual banquet was well attended, with Jesse Safley, Nashville Banner farm page editor, as toastmaster. Charlie Andrews, cartoonist, entertained with many cartoons of folks present.

Friday Speakers

The Friday session opened with a movie, "Tennessee Holiday," shown by Larry McLean, of the state park department, who had spoken to the group Thursday on recreational opportunities in Tennessee. "Americanism and Free Enterprise" was the topic of Hardin H. Conn, general counsel of the Tennessee Businessmen's Association. Mr. Conn told the group that, unless Americans awoke, they were in danger of losing the free enterprise system due to high taxes and the socialistic approach that the government is now taking. R. Millard, of the Minneapolis-Honeywell Co., discussed "Temperature and Humidity Control in the Greenhouse," and Joe S. Alexander, University of Tennessee horticulture department, discussed "Propagation under Controlled Humidity."

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Members of the official family of the Tennessee Nurserymen's Association at the Nashville meeting. Front row, left to right, Robert Boyd, McMinnville, president; H. R. Potter, Nashville, retiring president and member of executive committee; John Boyd, McMinnville, executive committee member. Back row, left to right, Jesse Tritschler, Nashville, vice-president; Tom Faulkner, Maryville, secretary-treasurer; Dave Cartwright, Jr., Collierville, executive committee member.

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2 to 3 ft., Tr., Well Br.	5.00	40.00	---
3 to 4 ft., Tr., Well Br.	6.00	50.00	---

ALTHAEA. HIBISCUS SYRIACUS.

Shrub Althaea.

ROSEA. Single Flowers, Mixed Colors.

4 to 6 ins., S.	.50	4.00	---
6 to 12 ins., S.	.80	7.00	---
12 to 18 ins., S.	1.25	10.00	---
18 to 24 ins., S.	.25	1.50	12.00
2 to 3 ft., S.	.35	2.00	15.00
3 to 4 ft., S.	.50	3.00	25.00

AMORPHA FRUTICOSA. False Indigo.

6 to 12 ins., S.	4.50	40.00	---
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BENZON AESTIVALE. Spicebush.

6 to 12 ins., S.	4.00	35.00	---
12 to 18 ins., S.	5.00	45.00	---
18 to 24 ins., S.	.90	6.00	55.00
2 to 3 ft., S.	1.00	7.00	---
18 to 24 ins., 3-yr., Well Br.	2.50	17.50	---
2 to 3 ft., 3-yr., Well Br.	3.50	25.00	---

BERBERIS THUNBERGI.

Green-leaved Barberry.

6 to 12 ins., 2-yr., S.	3.50	30.00	---
9 to 12 ins., 2-yr., S., Br.	5.50	50.00	---
12 to 18 ins., 2-yr., S., Br., light.	1.00	7.00	60.00
12 to 18 ins., 2-yr., S., Br., heavy.	1.25	10.00	80.00
18 to 24 ins., 3-yr., S., heavy.	2.00	15.00	125.00

CALYCANTHUS FLORIDUS.

Sweet Shrub.

6 to 12 ins., S.	3.00	25.00	---
12 to 18 ins., S.	4.00	35.00	---
18 to 24 ins., S.	5.00	45.00	---
2 to 3 ft., S.	7.00	60.00	---
12 to 18 ins., 2-yr., S., Br.	15.00	125.00	---
18 to 24 ins., 2-yr., S., Br.	3.00	22.50	200.00
2 to 3 ft., 2-yr., S., Br.	3.50	25.00	---

CORNUS AMOMUM. Silky Dogwood.

6 to 12 ins., 1-yr., C.	3.50	30.00	---
12 to 18 ins., 1-yr., C.	.60	4.00	35.00
6 to 12 ins., S.	2.50	20.00	---
12 to 18 ins., S.	.50	3.00	25.00

CORNUS STOLONIFERA.

Red Osier Dogwood.

6 to 12 ins., S.	1.25	10.00	---
12 to 18 ins., S.	2.00	15.00	---

CORYLUS AMERICANA. American Filbert.

CORYLUS AVELLANA. European Filbert.

(See Nut Trees, Page 20.)

CYDONIA JAPONICA.

Japanese Quince.

	Per 10	Per 100	Per 1000
4 to 6 ins., S.		\$ 3.00	\$ 25.00

CYDONIA JAPONICA RUBRA.

Japanese Quince.

True upright red. Nonfruiting.

2 to 3 ft., 3-yr., Well Br.	\$6.00	50.00	---
3 to 4 ft., 3-yr., Well Br.	7.00	60.00	---

DEUTZIA SCABRA.

Varieties:

CANDIDA. Double White.

CRENATA. Double Pink.

PRIDE OF ROCHESTER. Double red.

18 to 24 ins., Well Br.	2.00	12.50	100.00
2 to 3 ft., Well Br.	2.50	15.00	125.00

FORSYTHIA FORTUNEI.

Fortune Forsythia.

FORSYTHIA INTERMEDIA.

Border Forsythia.

6 to 12 ins., C.	2.50	20.00	---
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HAMAMELIS VIRGINIANA. Witch Hazel.

2 to 3 ft., Tr.	3.00	25.00	---
3 to 4 ft., Tr.	4.00	35.00	---

HANSEN'S BUSH CHERRY.

6 to 12 ins., S.		4.00	---
12 to 18 ins., S.	.80	5.00	---
18 to 24 ins., S.	1.25	7.00	---
2 to 3 ft., S.	1.50	10.00	---
12 to 18 ins., 2-yr., Br., S.	1.00	6.00	---
18 to 24 ins., 2-yr., Br., S.	1.50	10.00	---
2 to 3 ft., 2-yr., Br., S.	2.00	15.00	---

HYDRANGEA ARBORESCENS.

Wild Native Hydrangea.

6 to 12 ins., 1-yr., S.	.50	2.50	20.00
12 to 18 ins., 1-yr., S.	.60	3.50	30.00
18 to 24 ins., 1-yr., S.	.80	4.50	40.00

LIGUSTRUM AMURENSE.

Amur River North Privet.

L. O. Field-grown, 1 and 2 Br.	4.00	30.00	---
6 to 12 ins., 2 Br. up.	.75	5.00	40.00
12 to 18 ins., 2 Br.	1.00	7.00	60.00
18 to 24 ins., 2 Br.	1.25	8.00	70.00

LIGUSTRUM IBOLIUM. Ibolium Privet.

L. O. Field-grown, 1 and 2 Br.	4.00	30.00	---
6 to 12 ins., 2 Br. up.	.75	5.00	40.00
12 to 18 ins., 2 Br.	1.00	6.00	50.00
12 to 18 ins., 3 Br. up.	1.25	7.00	60.00
18 to 24 ins., 2 Br.	1.25	7.00	60.00

WHOLESALE PRICE LIST—FOREST NURSERY CO.

HARDY DECIDUOUS FLOWERING SHRUBS—Continued

LIGUSTRUM OBTUSIFOLIUM.

Ibota Privet.

	Per 10	Per 100	Per 1000
6 to 12 ins., S.	\$ 2.00	\$ 15.00	
12 to 18 ins., S.	3.00	20.00	
12 to 18 ins., Tr., 3 Br.	\$0.90	6.00	50.00
18 to 24 ins., Tr., 3 Br. up.	1.50	10.00	
2 to 3 ft., Tr., 4 Br. up.	2.00	15.00	
3 to 4 ft., Tr., 4 Br. up.	3.00	20.00	

LIGUSTRUM OVALIFOLIUM.

California Privet.

	Per 10	Per 100	Per 1000
L. O. Field-grown.	3.50	25.00	
6 to 12 ins., 2 Br. up.	4.00	30.00	
12 to 18 ins., 2-yr., 2 Br.	.75	5.00	40.00
12 to 18 ins., 2-yr., 3 Br. up.	.90	5.50	45.00
18 to 24 ins., 2-yr., 2 Br.	.90	5.50	45.00
18 to 24 ins., 2-yr., 3 Br. up.	1.25	7.00	60.00

LIGUSTRUM SINENSE.

Amur River South Privet.

	Per 10	Per 100	Per 1000
4 to 6 ins., S.	.60	4.00	
6 to 12 ins., S.	.80	5.00	
12 to 18 ins., S.	.90	6.00	
18 to 24 ins., S.	.40	1.25	10.00
2 to 3 ft., S.	.50	2.50	20.00
12 to 18 ins., 2-yr., Well Br.	.50	2.50	20.00
18 to 24 ins., 2-yr., Well Br., S.	.70	4.00	35.00
2 to 3 ft., 2-yr., Well Br., S.	1.00	5.00	45.00

LONICERA FRAGRANTISSIMA.

Winter Honeysuckle.

	Per 10	Per 100	Per 1000
6 to 12 ins., C.	.65	4.00	40.00
12 to 18 ins., C.	.90	5.50	45.00
18 to 24 ins., C.	1.00	6.50	55.00

LONICERA MORROWI.

Morrow's Honeysuckle.

LONICERA TATARICA.

Tatarian Honeysuckle.

	Per 10	Per 100	Per 1000
6 to 12 ins., C., L. O.	4.50	35.00	
12 to 18 ins., C., L. O.	1.00	5.50	45.00
12 to 18 ins., 2 Br. up.	1.50	7.00	60.00

MAGNOLIA LILIFLORA NIGRA.

Purple Lily Magnolia.

MAGNOLIA SOULANGEANA.

Saucer Magnolia.

	Per each	Per 10	Per 100
18 to 24 ins., B&B.	\$2.00	\$17.50	
2 to 3 ft., B&B.	2.50	22.50	
3 to 4 ft., B&B.	3.75	35.00	
4 to 5 ft., B&B.	4.25	40.00	

PHILADELPHUS CORONARIUS.

Sweet Mock Orange.

	Per 10	Per 100	Per 1000
18 to 24 ins., 2 Br. up.	\$2.00	\$15.00	
2 to 3 ft., 2 Br. up.	2.50	20.00	

RHUS COPALLINA. Shining Sumac.

RHUS GLABRA. Smooth Sumac.

RHUS TYPHINA. Staghorn Sumac.

	Per 10	Per 100	Per 1000
6 to 12 ins., C.	.25	1.25	\$10.00
12 to 18 ins., C.	.35	1.50	12.00
18 to 24 ins., S.	.50	2.00	15.00
2 to 3 ft., S.	.60	2.50	20.00

ROBINIA HISPIDA. Rose Acacia.

	Per 10	Per 100	Per 1000
6 to 12 ins., L. O.	2.50	20.00	
12 to 18 ins., L. O.	3.00	25.00	
18 to 24 ins., L. O.	4.00	30.00	

SAMBUCUS CANADENSIS.

Common Elder.

	Per 10	Per 100	Per 1000
6 to 12 ins., S.	.60	3.00	
12 to 18 ins., S.	.80	4.00	
18 to 24 ins., S.	.90	5.00	
2 to 3 ft., S.	1.50	10.00	

SPIRAEA CALLOSA ROSEA.

Pink Fortune Spiraea.

	Per 10	Per 100	Per 1000
6 to 12 ins., S.	\$0.50	\$ 3.00	\$ 25.00
12 to 18 ins., S.	.60	3.50	30.00
18 to 24 ins., S.	.75	4.00	35.00

SPIRAEA PRUNIFOLIA. Bridal Wreath.

	Per 10	Per 100	Per 1000
12 to 18 ins., 1-yr., Tr., Field-grown, L. O.	2.00	10.00	90.00
18 to 24 ins., 1-yr., Tr., Field-grown, L. O.	2.50	15.00	125.00
12 to 18 ins., 2-yr., Well Br.	2.50	15.00	125.00
18 to 24 ins., 2-yr., Well Br.	3.50	20.00	175.00
3 to 4 ft., 2-yr., Well Br.	4.50	30.00	

SPIRAEA THUNBERGI.

Thunbergi Spiraea.

	Per 10	Per 100	Per 1000
3 to 4 ft., Well Br.	4.50	30.00	

SPIRAEA VANHOUTTEI.

Van Houtte Spiraea.

	Per 10	Per 100	Per 1000
6 to 12 ins., C.	.60	4.50	35.00
12 to 18 ins., Hedging	1.00	7.50	60.00

STAPHYLEA TRIFOLIA.

American Bladdernut.

	Per 10	Per 100	Per 1000
2 to 3 ft.	2.50	15.00	
3 to 4 ft.	3.50	20.00	
4 to 5 ft.	4.50	25.00	

SYMPHORICARPOS VULGARIS.

Coralberry.

	Per 10	Per 100	Per 1000
6 to 12 ins., 1-yr., C.	2.00	17.50	
12 to 18 ins., 1-yr., C.	2.50	22.50	
18 to 24 ins., 1-yr., C.	3.50	32.50	
12 to 18 ins., 1-yr., Well Br.	.75	5.50	40.00
18 to 24 ins., 1-yr., Well Br.	.90	6.50	50.00

SYRINGA VULGARIS.

Common Purple Lilac. (Own-root).

	Per 10	Per 100	Per 1000
6 to 12 ins., 2-yr., mostly whips.	1.50	12.50	
12 to 18 ins., 2-yr., mostly whips.	2.00	17.50	
18 to 24 ins., 2-yr., mostly whips.	3.00	25.00	

BROAD-LEAVED
EVERGREENS

ABELIA GRANDIFLORA.

	Each	Per 10	Per 100
12 to 18 ins., B. R.	\$0.40	\$ 3.50	\$30.00
15 to 18 ins., B&B.	.65	6.00	55.00
18 to 24 ins., B. R.	.50	4.50	40.00
18 to 24 ins., B&B.	.80	7.50	70.00
2 to 3 ft., B. R.	1.00	9.00	
2 to 3 ft., B&B.	1.25		

EUONYMUS PATENS.

	Per 10	Per 100	Per 1000
12 to 18 ins.	1.50	12.50	

MAGNOLIA GRANDIFLORA.

	Per 10	Per 100	Per 1000
18 to 24 ins.	2.00	17.50	
24 to 30 ins.	2.50	22.50	

NANDINA DOMESTICA.

	Per 10	Per 100	Per 1000
12 to 18 ins.	1.25	10.00	
18 to 24 ins.	1.75	15.00	
24 to 30 ins.	2.00	17.50	

PHOTINIA SERRULATA.

	Per 10	Per 100	Per 1000
18 to 24 ins.	1.75	15.00	
24 to 30 ins.	2.00	17.50	

See pages 18 and 19 for Forest and Shade Trees;
page 19 for Vines and Creepers; page 20 for Nut Trees,
Peach Trees and Coniferous Evergreens.

WHOLESALE PRICE LIST—FOREST NURSERY CO.

FOREST and SHADE TREES

ACER NEGUNDO, Box Elder.

	Per 10	Per 100	Per 1000
6 to 12 ins., S.	\$ 0.30	\$ 1.25	\$ 10.00
12 to 18 ins., S.	.40	1.75	15.00
18 to 24 ins., S.	.45	2.50	22.50
2 to 3 ft., S.	.50	3.00	27.50
3 to 4 ft., S.	.60	4.50	42.50
4 to 5 ft., S.	.80	7.00	65.00
5 to 6 ft., S.	1.25	10.00	95.00

ACER RUBRUM, Scarlet Maple.

6 to 12 ins., S.	.50	2.50	20.00
12 to 18 ins., S.	.60	3.00	25.00
18 to 24 ins., S.	.70	3.50	30.00
2 to 3 ft., S.	.80	4.00	35.00

ACER SACCHARUM.

Sugar or Hard Maple.

4 to 6 ins., S.	.40	2.00	15.00
6 to 12 ins., S.	.50	2.50	20.00
12 to 18 ins., S.	.60	3.00	25.00
18 to 24 ins., S.	.70	3.50	30.00

AESCULUS OCTANDRA, Yellow Buckeye.

6 to 12 ins., S.	.65	4.50	40.00
12 to 18 ins., S.	.75	6.00	55.00
18 to 24 ins., S.	.85	7.00	65.00
2 to 3 ft., S.	1.25	10.00	90.00

AILANTHUS GLANDULOSA.

Tree of Heaven.

12 to 18 ins., S.	.50	3.00	25.00
18 to 24 ins., S.	.60	4.00	30.00
2 to 3 ft., S.	.70	4.50	40.00
3 to 4 ft., S.	.85	6.50	60.00
4 to 5 ft., S.	1.00	7.50	70.00

ALBIZZIA JULIBRISSIN, Mimosa Tree.

6 to 12 ins., S.	.50	3.50	25.00
12 to 18 ins., S.	.60	4.00	35.00
18 to 24 ins., S.	.70	6.00	50.00
2 to 3 ft., S.	1.00	9.00	80.00
3 to 4 ft., S.	3.00	25.00	...
4 to 5 ft., S.	4.50	40.00	...
5 to 6 ft., S.	6.00	50.00	...

ASIMINA TRILOBA, Pawpaw.

4 to 6 ins., S.	.50	4.00	...
6 to 12 ins., S.	.60	5.00	...
12 to 18 ins., S.	.75	7.00	...
18 to 24 ins., S.	.85	8.00	...
2 to 3 ft., S.	1.00	9.00	...

BETULA NIGRA, Black Birch.

12 to 18 ins., S.	.60	3.00	25.00
18 to 24 ins., S.	.70	3.50	30.00
2 to 3 ft., S.	.80	4.00	35.00
3 to 4 ft., S.	.90	4.50	40.00

CASTANEA MOLLISSIMA, Chinese Chestnut.

(See Nut Trees, Page 20.)

CATALPA SPECIOSA, Northern Catalpa. Very popular for the production of Catalpa Worms; excellent for pan fish bait (Brim, Perch and other small Sunfish).

6 to 12 ins., 1-yr., S.	...	1.00	8.00
12 to 18 ins., 1-yr., S.	.30	1.50	12.50
18 to 24 ins., 1-yr., S.	.40	2.00	17.50

CERCIS CANADENSIS.

American Redbud.

3 to 4 ft., Tr., Br.	5.00	40.00	...
4 to 5 ft., Tr., Br.	7.50	55.00	...
5 to 6 ft., Tr., Br.	10.00	80.00	...
6 to 8 ft., Tr., Br.	12.50	100.00	...
8 to 10 ft., Tr., Br.	16.00	135.00	...

(Add 50¢ per plant for B&B on above.)

CLADRASTIS LUTEA, Yellowwood.

4 to 6 ins., S.	.90	4.00	...
6 to 12 ins., S.	1.00	5.00	...
12 to 18 ins., S.	1.25	6.00	...

CORNUS FLORIDA, White Dogwood.

	Per 10	Per 100	Per 1000
3 to 4 ft., S.	\$ 2.50	\$ 20.00	\$150.00
2 to 3 ft., 2-yr., Well Br.	6.00	50.00	...
3 to 4 ft., 2-yr., Well Br.	15.00	125.00	...
4 to 5 ft., 2-yr., Well Br.	20.00	175.00	...
2 to 3 ft., 2-yr., Well Br., B&B.	12.50	100.00	...
3 to 4 ft., 2-yr., Well Br., B&B.	20.00	175.00	...
4 to 5 ft., 2-yr., Well Br., B&B.	25.00	225.00	...

DIOSPYROS VIRGINIANA.

American Persimmon.

4 to 5 ft., S.	...	7.50	67.50
5 to 6 ft., S.	...	10.00	75.00

FAGUS AMERICANA, American Beech.

(See Nut Trees, Page 20.)

FRAXINUS AMERICANA, White Ash.

FRAXINUS LANCEOLATA, Green Ash.

6 to 12 ins., S.	...	1.00	9.00
2 to 3 ft., S.	.50	3.00	25.00
3 to 4 ft., S.	.70	5.00	40.00
4 to 5 ft., S.	.80	6.00	50.00

GINKGO BILOBA.

4 to 6 ins., S.	...	10.00	...
6 to 9 ins., S.	...	12.50	...

GLEDITSIA TRIACANTHOS INERMIS.

Thornless Honey Locust.

6 to 12 ins., S.	...	1.50	12.00
12 to 18 ins., S.	...	2.00	17.50
18 to 24 ins., S.	...	2.50	22.50

GYMNOCLADUS DIOICUS.

Kentucky Coffee Tree.

6 to 12 ins., S.	1.75	12.50	100.00
12 to 18 ins., S.	2.00	15.00	125.00
18 to 24 ins., S.	3.00	20.00	175.00
2 to 3 ft., S.	4.50	30.00	250.00
3 to 4 ft., S.	5.50	40.00	...
4 to 5 ft., S.	6.50	50.00	...

HICORIA LACINIOSA, Shellbark Hickory.

HICORIA OVATA, Shagbark Hickory.

(See Nut Trees, Page 20.)

JUGLANS CINEREA, White Walnut (Butternut).

(See Nut Trees, Page 20.)

JUGLANS NIGRA, Black Walnut.

(See Nut Trees, Page 20.)

JUGLANS REGIA, English Walnut.

(See Nut Trees, Page 20.)

JUGLANS SIEBOLDIANA, Japanese Walnut.

(See Nut Trees, Page 20.)

KOELREUTERIA PANICULATA.

Golden-rain Tree.

6 to 12 ins., S.	2.00	15.00	...
12 to 18 ins., S.	2.50	17.50	...
18 to 24 ins., S.	3.50	25.00	...

LIRIODENDRON TULIPIFERA.

Tulip Tree.

4 to 6 ins., S.	...	1.00	8.00
6 to 12 ins., S.	.20	1.25	10.00
12 to 18 ins., S.	.25	1.50	12.00
18 to 24 ins., S.	.30	2.00	17.50
2 to 3 ft., S.	.35	2.50	20.00
3 to 4 ft., S.	.50	4.00	35.00
3 to 4 ft., Tr.	4.00	35.00	...
4 to 5 ft., Tr.	6.00	50.00	...
5 to 6 ft., Tr.	10.00	75.00	...
8 to 10 ft., Tr.	12.50	100.00	...

(10 per cent discount on Liriodendron Tr. in 100 lots.)

MACLURA POMIFERA, Osage Orange.

6 to 12 ins., S.	...	1.00	8.50
12 to 18 ins., S.	...	1.50	12.50
18 to 24 ins., S.	...	2.00	17.50

MAGNOLIA ACUMINATA.

Little Leaf Cucumber.

12 to 18 ins., S.	2.00	12.50	...
18 to 24 ins., S.	3.00	20.00	...

WHOLESALE PRICE LIST—FOREST NURSERY CO.

FOREST and SHADE TREES—Continued

MAGNOLIA MACROPHYLLA.

Big Leaf Cucumber.	Per 10	Per 100	Per 1000
6 to 12 ins., S.	\$ 2.00	\$ 12.50	
12 to 18 ins., S.	3.00	20.00	

MALUS CORONARIA. Wild Sweet Crab.

12 to 18 ins., S.	.60	4.50	\$ 40.00
18 to 24 ins., S.	.80	7.00	55.00
2 to 3 ft., S.	2.50	17.50	
3 to 4 ft., S.	3.50	27.50	

MALUS ELEYI. Eley Flowering Crab.**MALUS FLORIBUNDA.** Flowering Crab.**MALUS HOPA.** Hopa Crab.

4 to 5 ft., 2-yr. grafts.	8.00	75.00	
5 to 6 ft., 2-yr. grafts.	10.00	90.00	

MORUS ALBA TATARICA. Russian Mulberry.

6 to 12 ins., S.		1.50	10.00
12 to 18 ins., S.		2.00	15.00
18 to 24 ins., S.		2.75	22.50
2 to 3 ft., S.		3.50	30.00

OXYDENDRON ARBOREUM. Sourwood.

6 to 12 ins., S.	.50	2.50	20.00
12 to 18 ins., S.	.75	3.00	25.00
18 to 24 ins., S.	1.00	3.50	30.00
2 to 3 ft., S.	1.25	4.50	40.00
3 to 4 ft., Br.	3.50	30.00	
4 to 5 ft., Br.	4.50	40.00	

PLATANUS OCCIDENTALIS.

American Plane Tree.

(American Sycamore).

5 to 6 ft., Tr.	10.00	80.00	
6 to 8 ft., Tr.	12.50	100.00	
8 to 10 ft., Tr.	17.50	125.00	

POPULUS NIGRA ITALICA.

Lombardy Poplar.

6 to 12 ins., C.	.20	1.50	12.00
12 to 18 ins., C.	.30	2.00	17.50
18 to 24 ins., C.	.40	3.00	25.00
2 to 3 ft., C.	.60	5.00	40.00
3 to 4 ft., C.	.70	6.00	50.00
4 to 5 ft., C.	1.00	8.00	70.00
5 to 6 ft., C.	1.25	10.00	90.00

(10 per cent discount on Lombardy Poplar C. in 1000 lots.)

PRUNUS PERSICA RUBRA-PLENA.

Double Red-flowering Peach.

12 to 18 ins.	2.50	20.00	
18 to 24 ins.	3.00	25.00	
2 to 3 ft.	3.50	30.00	
3 to 4 ft.	4.00	35.00	

PTELEA TRIFOLIATA. Hop Tree.

	Per 10	Per 100	Per 1000
2 to 3 ft.	\$ 2.50	\$ 20.00	
3 to 4 ft.	3.00	25.00	
4 to 5 ft.	3.50	30.00	

QUERCUS ALBA. White Oak.

4 to 6 ins., S.	.60	3.50	\$ 22.00
6 to 12 ins., S.	.70	4.50	32.00
12 to 18 ins., S.	.80	5.50	42.00
18 to 24 ins., S.	.90	6.50	50.00

QUERCUS PRINUS. Chestnut Oak.

6 to 12 ins., S.	.70	4.50	32.00
12 to 18 ins., S.	.80	5.50	42.00
18 to 24 ins., S.	.90	6.50	50.00
2 to 3 ft., S.	1.00	8.00	70.00
3 to 4 ft., S.	1.50	10.00	

QUERCUS RUBRA.

Red Oak.

	Per each	Per 10	Per 100
5 to 6 ft., Br.	\$2.50	\$22.50	\$200.00
6 to 8 ft., Br.	3.00	27.50	250.00
8 to 10 ft., Br.	3.50	32.50	300.00
1 1/4 to 1 1/2-in. caliper	4.00	37.50	400.00
1 1/2 to 2-in. caliper	5.00	47.50	500.00

RHAMNUS CAROLINIANA.

Carolina Buckthorn.

	Per 10	Per 100	Per 1000
12 to 18 ins.	\$ 3.00	\$25.00	
18 to 24 ins.		3.50	30.00
2 to 3 ft.		4.00	35.00
3 to 4 ft.	\$1.50	12.00	
4 to 5 ft.	3.50	30.00	
5 to 6 ft.	5.50	50.00	

ROBINIA PSEUDOACACIA. Black Locust.

4 to 6 ins., S.		.60	5.00
6 to 12 ins., S.		.80	7.00
12 to 18 ins., S.		1.50	12.00
18 to 24 ins., S.		1.75	15.00
2 to 3 ft., S.	.40	2.50	18.00
4 to 5 ft., S., Br.	2.50	20.00	
5 to 6 ft., S., Br.	4.50	40.00	
6 to 8 ft., S., Br.	7.00	60.00	

TILIA AMERICANA. American Linden.

18 to 24 ins., Tr.	3.00	25.00	
2 to 3 ft., Tr.	4.50	40.00	
3 to 4 ft., Tr.	5.00	45.00	

ULMUS PUMILA. Chinese Elm.

6 to 12 ins., S.		1.50	10.00
12 to 18 ins., S.		2.00	15.00
18 to 24 ins., S.		3.00	20.00
2 to 3 ft., S.	.50	4.00	30.00

VINES and CREEPERS

AMPELOPSIS QUINQUEFOLIA.

Virginia Creeper.

	Per 10	Per 100	Per 1000
L. O. Seedlings	\$ 0.50	\$ 3.50	\$ 27.50
6 to 12 ins., 2-yr., S.	.60	5.00	40.00
12 to 18 ins., 2-yr., S.	.75	6.00	50.00

ARISTOLOCHIA TOMENTOSA.

Dutchman's-pipe Vine.

1-yr., S., No. 1	.40	2.50	20.00
1-yr., S., No. 2	.50	2.00	15.00

BIGNONIA CAPREOLATA.

Crossvine (Evergreen).

1-yr., L. O., No. 1	.50	3.00	25.00
1-yr., L. O., No. 2	.60	4.50	40.00

BIBONIA RADICANS. Trumpet Creeper.

6 to 12 ins., 1-yr., S.	.30	2.00	15.00
12 to 18 ins., 1-yr., S.	.40	3.00	25.00

CLEMATIS VIRGINIANA. Virgin's-bower.

L. O. Seedlings, No. 1	1.50	10.00	
L. O. Seedlings, No. 2	1.25	8.00	
2 1/2-in. Pot Plants	2.50	20.00	
3-in. Pot Plants	3.00	25.00	

COCCULUS CAROLINUS. Carolina Moon Vine.

1-yr., S., No. 1	.50	2.50	
1-yr., S., No. 2	.40	2.00	

KUDZU VINE.

No. 1 Crowns, 2 and 3-yr.		5.00	35.00
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LONICERA JAPONICA HALLIANA.

Hall's Japanese Honeysuckle.

	Per 10	Per 100	Per 1000
Small, Lining-out	\$ 1.00	\$ 7.50	
Medium, Lining-out		1.50	12.50
2-yr., Tr., No. 3	\$ 0.85	6.00	55.00

LONICERA SEMPERVIRENS.

Scarlet Trumpet Honeysuckle.

Small, Lining-out	.50	2.75	22.50
Medium, Lining-out	.60	3.25	27.50

VINCA MINOR. Common Periwinkle.

Medium, Lining-out (Small)	.25	1.00	8.00
Medium, Lining-out	.40	1.50	12.00

VINCA MINOR. Common Periwinkle.

2 1/4-in. Pot Plants	3.00	20.00	150.00
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VITIS AESTIVALIS. Summer Grape.

VITIS CORDIFOLIA. Winter.			
6 to 12 ins., S.	.50	3.00	
12 to 18 ins., S.	.75	4.50	

WISTARIA FRUTESCENS.

American Wistaria.

1-yr., S., No. 2	1.00	7.50	
1-yr., S., No. 1	1.25	9.00	
18 to 24 ins., 2-yr., C.	2.00	15.00	
2 to 3 ft., 2-yr., C.	2.50	20.00	

WISTARIA SINENSE. Chinese Wistaria, Blue.

1-yr., S., No. 2	1.00	7.50	
1-yr., S., No. 1	1.25	9.00	

See pages 16 and 17 for Hardy Deciduous Flowering Shrubs and Broad-leaved Evergreens; pages 18 and 19 for Forest and Shade Trees; page 20 for Nut Trees, Peach Trees and Coniferous Evergreens.

WHOLESALE PRICE LIST—FOREST NURSERY CO.

NUT TREES

CASTANEA MOLLISSIMA. Chinese Chestnut.

(This is the true blight-resistant Chinese Chestnut from an orchard of selected strain.)

	Per 10	Per 100	Per 1000
2 to 3 ft., 2-yr.	\$ 7.00	\$ 55.00	
3 to 4 ft., 2-yr.	9.00	75.00	

CORYLUS AMERICANA. American Filbert.

6 to 12 ins., S.	.70	6.00	\$ 50.00
12 to 18 ins., S.	.80	7.00	60.00
18 to 24 ins., S.	1.00	9.00	80.00
12 to 18 ins., 3-yr., Br.	1.50	12.00	100.00
18 to 24 ins., 2-yr., Br.	2.25	20.00	160.00
2 to 3 ft., 3-yr., Br.	3.50	30.00	250.00
3 to 4 ft., 3-yr., Br.	4.00	35.00	300.00

CORYLUS AVELLANA. European Filbert.

18 to 24 ins., S., Br.	2.50	20.00	
2 to 3 ft., S., Br.	3.50	30.00	
3 to 4 ft., S., Br.	4.50	40.00	

FAGUS AMERICANA. American Beech.

4 to 6 ins., S.		1.50	12.00
6 to 12 ins., S.	.50	2.00	15.00
12 to 18 ins., S.	.75	2.50	18.00
18 to 24 ins., S.	1.00	3.00	20.00

HICORIA LACINIOSA. Shellbark Hickory.

HICORIA OVATA. Shagbark Hickory.

4 to 6 ins., S.	.70	5.50	45.00
6 to 12 ins., S.	.90	6.50	55.00
12 to 18 ins., S.	1.80	12.00	85.00
4 to 5 ft., S.	17.50	150.00	
5 to 6 ft., S.	20.00	175.00	
6 to 8 ft., S.	25.00	225.00	

JUGLANS CINEREA. White Walnut (Butternut).

6 to 12 ins., S.	.75	5.50	50.00
12 to 18 ins., S.	1.00	8.00	70.00
18 to 24 ins., S.	1.25	10.00	90.00
2 to 3 ft., S.	2.00	17.50	150.00
3 to 4 ft., S.	4.50	35.00	
4 to 5 ft., S.	5.50	45.00	
5 to 6 ft., S.	8.00	65.00	

JUGLANS NIGRA. Black Walnut.

12 to 18 ins., S.	.60	4.00	34.00
18 to 24 ins., S.	.70	6.00	44.00
2 to 3 ft., S.	.80	8.00	65.00
3 to 4 ft., S.	3.00	16.00	110.00
4 to 5 ft., S.	4.00	28.00	220.00
5 to 6 ft., S.	5.00	38.00	330.00
6 to 8 ft., S.	7.50	65.00	

JUGLANS REGIA. English Walnut.

6 to 12 ins., S.	8.00	70.00	
12 to 18 ins., S.	9.00	80.00	
18 to 24 ins., S.	10.00	90.00	
2 to 3 ft., S.	11.00	100.00	
3 to 4 ft., S.	16.00	130.00	
4 to 5 ft., S.	18.00	160.00	
5 to 6 ft., S.	22.00	180.00	

JUGLANS SIEBOLDIANA.

Japanese Walnut.

12 to 18 ins., S.	2.75	17.50	
18 to 24 ins., S.	3.50	27.50	
2 to 3 ft., S.	4.50	37.50	
3 to 4 ft., S.	6.00		
4 to 5 ft., S.	7.50		
5 to 6 ft., S.	10.00		

PECAN. Seedlings.

6 to 12 ins., S.	3.50	30.00	
12 to 18 ins., S.	4.00	35.00	
18 to 24 ins., S.	4.50	40.00	

PEACH TREES

PEACH. June Bud.

	Per 10	Per 100	Per 1000
12 to 18 ins.	\$1.00	\$ 7.50	\$ 60.00
18 to 24 ins.	1.75	12.50	100.00
2 to 3 ft.	2.50	20.00	175.00
3 to 4 ft.	3.00	25.00	200.00

Varieties:

Dixired	Red Elberta
Early Elberta	Redhaven
Golden Jubilee	Red Nectarine
Halehaven	Regular Hiley
Polly	Shipper's Late Red
Elberta	Sullivan's Elberta

CONIFEROUS EVERGREENS

BIOTA ORIENTALIS COMPACTA.

Compact Arborvitae.

	Each	Per 10
18 to 24 ins.	\$2.00	\$17.50
24 to 30 ins.	2.25	20.00

BIOTA ORIENTALIS EXCELSA.

Excelsa Arborvitae.

18 to 24 ins.	1.75	15.00
24 to 30 ins.	2.25	20.00

THUJA OCCIDENTALIS HOVEYI.

Compacta Upright Globe-shaped.

15 to 18 ins.	2.00	17.50
18 to 24 ins.	2.25	20.00
24 to 30 ins.	2.75	25.00

THUJA OCCIDENTALIS.

Woodwardi Globe.

12 to 15 ins.	1.75	15.00
15 to 18 ins.	2.00	17.50
18 to 24 ins.	2.25	20.00

THUJA OCCIDENTALIS PYRAMIDALIS.

American Pyramidal Arborvitae.

24 to 30 ins.	2.50	20.00
30 to 36 ins.	2.75	22.50

JUNIPERUS COMMUNIS ASHFORDI.

Ashford Juniper.

18 to 24 ins.	1.75	15.00
24 to 30 ins.	2.00	17.50
30 to 36 ins.	2.25	20.00

JUNIPERUS COMMUNIS HIBERNICA.

Irish Juniper.

24 to 30 ins.	1.75	15.00
30 to 36 ins.	2.00	17.50
3 to 4 ft.	2.25	20.00

JUNIPERUS COMMUNIS HIBERNICA FASTIGIATA.

Columnar Irish Juniper.

24 to 30 ins.	2.00	17.50
30 to 36 ins.	2.25	20.00

CHANDLER'S SILVER JUNIPER.

JUNIPERUS CHINENSIS COLUMNARIS.

JUNIPERUS VIRGINIANA BURKI.

JUNIPERUS VIRGINIANA CANAERTI.

JUNIPERUS VIRGINIANA GLAUCA.

JUNIPERUS VIRGINIANA HILLI.

JUNIPERUS VIRGINIANA SMITHI.

18 to 24 ins., root pruned	2.75	25.00
24 to 30 ins., root pruned	3.00	27.50
30 to 36 ins., root pruned	3.75	35.00

TSUGA CANADENSIS. Canadian Hemlock.

18 to 24 ins.	2.25	20.00
24 to 30 ins.	3.00	27.50
30 to 36 ins.	3.75	35.00

See pages 16 and 17 for other Hardy Deciduous Flowering Shrubs and Broad-leaved Evergreens; pages 18 and 19 for Forest and Shade Trees and Vines and Creepers.

OHIO LANDSCAPE DAY

[Continued from page 11]

rapidly, two methods were recommended for reducing their growth rate. They are: 1. Reduce the quantity of water supplied to them. 2. Do not fertilize.

A standard chore for all house plants, it was emphasized, is to wash off the underside of the leaves.

Landscape Panel

A panel discussion on landscape planting concluded the afternoon session. Victor Ries directed the panel, which was composed of Charles Kohankie, Julius Kohankie & Sons Co., Painesville; Dave Metzger, Terrace Gardens Co., Youngstown, and George Tobey, Jr., of the school of architecture and landscape architecture, Ohio State University.

During the panel discussion, slides were projected onto a removable paper background. The slides showed homes with little or no landscaping materials planted around them, and each member of the panel recommended landscape plantings for three such homes. Meanwhile, Mr. Tobey sketched the representative shapes of the plants each panel member indicated onto the removable paper background.

It was interesting to note the combination of materials used. In general, all members of the panel used a combination of deciduous and evergreen shrubs and trees along with a few of the better vines. It was also interesting to note that they were conservative in the total number of plants used in a planting. A significant point was the predominance of certain plant materials. They were *Pyracantha coccinea lalandi*, *Euonymus fortunei* vegetus, a selection of spreading and upright *taxus*, *Ilex crenata convexa*, *Ilex crenata*, var. Green Island holly; floribunda roses, *Cornus florida*, selected varieties of lilacs, azaleas and rhododendrons in regions where the soil is acid in reaction and trees to provide shade and to hide utility poles, etc.

From this selection of plants, it can be observed that the accent was on plants that would provide a normal green color for as many months of the year as possible. Color was added to the plantings by the incorporation of some of the better deciduous and ericaceous shrubs and by the selection of evergreens which have colorful fruit during the fall and winter months.

The evening session provided a program that was enjoyed by all present. W. R. Leslie, superintendent of the Dominion experimental farm,

SHADE and ORNAMENTAL TREES

Are just about the scarcest things in the nursery business today. Maybe these will help you out.

	Per 10	Per 100
CATALPA BUNGEI (Umbrella Catalpa).		
5 to 6-foot stems, 1-year heads.....	\$16.50	\$150.00
4 to 5-foot stems, 1-year heads.....	13.50	125.00
3 to 4-foot stems, 1-year heads.....	8.50	75.00
CRAB, FLOWERING (Malus)		
ATROSANGUINEA. Purple-bronze foliage, rosy-lavender flowers. Purplish fruit.		
4 to 5 feet.....	11.00	100.00
3 to 4 feet.....	8.00	75.00
2 to 3 feet.....	5.50	50.00
ELEV. Foliage red in spring; flowers vinous red, single; fruit red.		
5 to 6 feet.....	14.00	125.00
4 to 5 feet.....	11.00	100.00
3 to 4 feet.....	8.00	75.00
2 to 3 feet.....	5.50	50.00
HOPA. Brilliant display of pink flowers in spring. Tree is strong upright growth; fruit red inside and out.		
5 to 6 feet.....	14.00	125.00
3 to 4 feet.....	7.50	70.00
2 to 3 feet.....	5.00	45.00
NIEDZWETZKYANA (Red-vein Crab). Single red flowers, red fruit and even the wood and bark is reddish.		
5 to 6 feet.....	14.00	125.00
4 to 5 feet.....	11.00	100.00
3 to 4 feet.....	8.00	75.00
RED SILVER. Foliage red covered with silver. Crimson flowers, red fruit.		
5 to 6 feet.....	14.00	125.00
4 to 5 feet.....	11.00	100.00
3 to 4 feet.....	8.00	75.00
THEIFERA. Pink flowers, oval-shaped tree.		
5 to 6 feet.....	14.00	125.00
4 to 5 feet.....	11.00	100.00
3 to 4 feet.....	8.00	75.00
ELM, AMERICAN (Ulmus americana).		
2 to 2 1/2-inch caliper.....	40.00	350.00
1 1/2 to 2-inch caliper.....	28.00	250.00
1 1/4 to 1 1/2-inch caliper.....	16.50	150.00
8 to 10 feet.....	13.50	125.00
6 to 8 feet.....	9.50	85.00
5 to 6 feet.....	7.00	60.00
ELM, CHINESE (Ulmus pumila).		
8 to 10 feet.....	13.50	125.00
6 to 8 feet.....	9.50	85.00
5 to 6 feet.....	7.00	60.00
4 to 5 feet.....	4.00	35.00

CHINESE ELM

2-year, root-pruned seedlings

5 to 6 feet, 9/16-inch caliper, \$5.00 per 10; \$45.00 per 100.
4 to 5 feet, 7/16-inch caliper, \$3.50 per 10; \$30.00 per 100.

	Per 10	Per 100
HONEYLOCUST, THORNTLESS (Gleditsia triacanthos inermis).		
8 to 10 feet.....	\$25.00	.....
6 to 8 feet.....	20.00	.....
5 to 6 feet.....	12.50	.....
MAGNOLIA SOULANGEANA (Saucer Magnolia).		
4 to 5 feet, B&B.....	65.00	.....
3 to 4 feet, B&B.....	55.00	.....
MAPLE, SOFT or SILVER (Acer saccharinum).		
6 to 8 feet.....	13.50	\$125.00
5 to 6 feet.....	9.50	85.00
4 to 5 feet.....	7.00	60.00
POPLAR, CAROLINA (Populus canadensis eugenei).		
6 to 8 feet.....	6.00	55.00
5 to 6 feet.....	4.00	35.00
4 to 5 feet.....	3.00	25.00
POPLAR, LOMBARDY (Populus nigra italica).		
6 to 8 feet, low branched.....	5.50	50.00
5 to 6 feet, low branched.....	4.00	35.00
POPLAR, NORWAY (Populus can. eugenei var.).		
6 to 8 feet.....	6.00	55.00
5 to 6 feet.....	4.50	40.00
4 to 5 feet.....	3.00	25.00
REDHUB (Cercis canadensis).		
4 to 5 feet.....	12.00	110.00
3 to 4 feet.....	8.50	80.00
THORN, PAUL'S SCARLET (Crataegus oxyantha pauli).		
4 to 5 feet.....	22.50	.....
WILLOW, WISCONSIN WEEPING.		
6 to 8 feet.....	10.00	90.00

We offer a complete assortment; send for list.

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SHERWOOD'S CHOICE WINT

Lining-Out Stock

This lining-out stock has all been field grown for at least one year.

Abies concolor (White Fir) Per 100 Per 1000

A tree of symmetrical growth and beautiful bluish foliage. 3 to 6 inches, not transplanted..... \$ 8.00 \$ 64.00

Cedrus deodara (Deodar Cedar)

The Deodar Cedar grows into a fountain of green of surpassing beauty. The color is a light bluish green. 6 to 9 inches, once transplanted..... 14.00 112.00

Chamaecyparis lawsoniana (Lawson Cypress)

A conifer of most satisfying effect, both in stately habit of growth, dense limbs and graceful foliage. 9 to 12 inches, once transplanted..... 17.00 136.00
12 to 15 inches, once transplanted..... 20.00 160.00

Gaultheria procumbens (Wintergreen)

This is the little plant which produces the true wintergreen flavor. Very hardy, low-growing evergreen, 4 to 6 inches, very fruitful, holding red berries all winter. Very attractive. 2-year, once transplanted..... 10.00 80.00

Hedera helix conglomerata (Bunchleaf English Ivy)

Low-growing. Leaves crowded, contorted and small, giving a pleasing massed effect, as the plant lies flat upon the ground. Foliage deep dense green. 2-year, once transplanted..... 20.00 160.00

Juniperus chinensis pfitzeriana (Pfitzer Juniper)

This well known Juniper can scarcely be excelled for terrace and mass planting. 3 to 6 inches, once transplanted..... 16.00 128.00

Juniperus chinensis sargentii (Sargent Juniper)

This Juniper has been well proven as it has been grown in American gardens for more than fifty years. 3 to 6 inches, once transplanted..... 13.00 104.00

Juniperus horizontalis

(Bar Harbor Green Creeping Juniper)

This is a lovely green form of Bar Harbor Blue. 9 to 12 inches, once transplanted..... 20.00 160.00

Juniperus horizontalis glauca (Blue Creeping Juniper)

Very similar to the Bar Harbor Blue with steel-blue foliage throughout the year. A very lovely trailing form. Very hardy. 3 to 6 inches, once transplanted..... 13.00 104.00

Juniperus scopulorum (Rocky Mountain Juniper)

The well known and justly popular western Juniper. A very hardy tree. 12 to 15 inches, once transplanted..... 20.00 160.00
15 to 18 inches, once transplanted..... 24.00 192.00

Kalmia latifolia (Mountain Laurel)

Native of the Appalachian mountains. Grows into compact, symmetrical shrub, densely covered with foliage. Leaves medium size, glossy and unchanging throughout the year. When in bloom the plants are literally bouquets of lovely, cup-shaped flowers, ranging from almost white to deep pink in color on individual specimens. Effective singly or in mass plantings. Height 3 feet or more. Very hardy and very desirable. 9 to 12 inches, once transplanted..... 25.00 200.00

Nandina domestica (Nandina)

A native of the Orient. Characterized by delicate foliage, the long slender leaves being frond-like. It bears large clusters of bright red berries. 9 to 12 inches, once transplanted..... 16.00 128.00

Pseudotsuga douglasii (Douglas Fir)

A truly stately tree, and while it reaches great size and height it also possesses great ornamental values when introduced into landscaping plans.

3 to 6 inches, not transplanted..... Per 100 Per 1000
\$ 8.00 \$ 64.00

Taxus baccata (English Yew)

This is the old favorite of English gardens. Native of Europe and North Africa to the Himalayas. Deep green, rapid growing in good soil, very dense. 3 to 6 inches, once transplanted..... 11.00 88.00

Taxus cuspidata (Japanese Yew)

This beautiful yew is a native of the Orient and is hardy, strong and dwarf. It is a spreading tree and in older specimens may reach a spread of 20 feet and height of 8 feet. 2 to 5 inches, once transplanted..... 13.00 104.00

Teucrium chamaedrys prostratum (Dwarf Germander)

A low-growing form spreading into a dense mat 6 inches high. Foliage dark green, flowers lavender. Rapid-growing, desirable ground cover. 1-year, once transplanted..... 9.00 72.00

Thuja occidentalis pyramidalis

(American Pyramidal Arborvitae)

A most desirable arborvitae of narrow columnar growth, dense and compact without pruning. 2 to 5 inches, once transplanted..... 12.00 96.00

Thuja orientalis beverlyensis (Beverly Hills Arborvitae)

A rapid-growing. Oriental arborvitae. Foliage good, bright golden color the year round. 3 to 6 inches, once transplanted..... 15.00 120.00

Tsuga canadensis (Canada Hemlock)

Native New Brunswick to Wisconsin and south to Alabama. A well-known conifer of graceful, pleasing habit of growth, and regarded by some landscape architects as one of the best of conifers. 3 to 6 inches, once transplanted..... 10.00 80.00

We pay shipping cost on lining-out stock to all points in the United States, Canada and Alaska. No packing charge. 25 plants at 100 rate, 250 at 1000 rate. Terms: Cash. 25 per cent will hold order.

Balled and Bare-Root Stock

Azalea Hinodegiri (Crimson Azalea)

Dwarf, very compact, evergreen azalea. Heavy glossy foliage, hardy in western Oregon. When in bloom the plant is completely covered with bright red flowers. Each Per 10 Per 100

6 to 9 inches, twice transplanted..... \$0.55 \$ 5.00 \$ 45.00

BR specimens75 6.80 61.00

Azalea mollis (Chinese Azalea)

Very hardy. Blooms before leafing. Foliage bright green and attractive, turning to gorgeous shades of bronze and red in the fall. Flowers are large and borne in great profusion. It has an irresistible appeal and is a great favorite to all who know it. Its plantings cannot be overdone. We are offering choice plants chiefly in the popular shades of salmon and orange. 12 to 15 inches, twice transplanted, BR budded specimens..... .85 7.70 69.00

Morden, Man., Canada, was the speaker.

Mr. Leslie showed slides of his recent trip to England, Ireland, Scotland, Holland and France. Pictures of plantings at the Morden experimental station were also included.

In pictures of some of the formal gardens in Paris he emphasized the extreme formal use of annuals and perennials. The same formal habit of growth was expressed in the pruning of many upright evergreens. Some of the nursery areas of Holland were shown, illustrating the intensive culture practiced. In Scotland and Ireland beautiful landscapes were pictured. One unusual tree pictured was a weeping cedar of Lebanon.

At the experiment station at Manitoba, some of the more unusual plants

were pictured and discussed by Mr. Leslie. Among those mentioned was *Salix alba chermesina*, redstem willow. This plant is pruned to the ground each spring to maintain the bright red stem growth that is persistent during the winter. Among lilacs of the *prestoniae* type he mentioned Coral, sparkling clear pink; Royalty, deep purple; Redwine, claret-red (flowers late); Donald Wyman, a vivid reddish hybrid, produced by F. L. Skinner, and Fountain, a pink pendulous flowering type.

Shrubs that Mr. Leslie cited as being among the best for that region included: *Juniperus scandia* and *arcadia*, two dwarf types of the *savin* class; *Fallugia paradoxa*, an upright shrub to four feet with snowy-white flowers and feathery fruits, a native

QUALITY LINERS

Viburnum Carlesi, Per 100

4 to 10 ins., transplants [2-yr.] \$40.00

Nandina Domestica, 22.50

6 to 12 ins., transplants.....

Red-flowering Dogwood, 75.00

10 to 15 ins.,

grafts (bed-grown).....

Send for new Spring List.

POSSUM HOLLOW NURSERIES

6327 Magnolia St.

PHILADELPHIA 44, PA.

TAXUS

Upright, 3 to 14 ft.

Truckloads only, no boxing.

BULK'S NURSERIES

BABYLON, L. I., N. Y.

WINTER-HARDENED EVERGREENS

Sherwood Orchid Azalea

This is a hybrid Hinodegiri and our own introduction. We have been growing it for several years in our nursery where it has attracted much attention. Foliage about the size and gloss of the Hinodegiri Grimsen Azalea, but the plant is hardier. Flowers are a clear lavender with speckled throat.

6 to 9 inches, twice transplanted,	Each	Per 10	Per 100
BR specimens	\$0.55	\$ 5.00	\$ 45.00
9 to 12 inches, twice transplanted,			
BR specimens	.75	6.80	61.00

Sherwood Red Azalea

A magnificent azalea. Compact, dwarf and evergreen. Foliage so glossy it shines, bright green turning in cold weather to fiery red. Better foliage than Azalea Hinodegiri from which it was hybridized. Flowers in such abundance that the foliage is almost entirely hidden and of the most brilliant blood red imaginable.

9 to 12 inches, twice transplanted,	BR specimens	.75	6.80	61.00
12 to 15 inches, twice transplanted, B&B...		1.15	10.40	93.00

Castanopsis sempervirens (Bush Chinquapin)

One of Oregon's wonderful native evergreens, Bush Chinquapin usually grows only 5 to 6 feet high in a spreading, much-branched shrub. A plant 4 feet high will usually spread 4 to 6 feet. Foliage very dense; leaves dark green above, russet beneath. Flowers in white clusters followed by chestnut like fruits.

18 to 24 inches, twice transplanted, B&B...	1.25	11.20	101.00
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Chamaecyparis lawsoniana (Lawson Cypress)

18 to 24 inches, twice transplanted, B&B...	1.25	11.20	101.00
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Chamaecyparis lawsoniana cerula

One of the fine Lawson variations, of which there are several. Slender and upright, the branches all growing vertical and very close to the trunk of the tree. As slender as a Pyramidal Arborvitae or Irish Juniper and needs little pruning. As indicated by the name, the foliage is deep sky-blue or azure in color. Has the columnar form of the allumi cypress and very desirable where slender trees are needed.

24 to 30 inches, twice transplanted, B&B...	1.50	13.50	122.00
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Chamaecyparis lawsoniana ellwoodii (Ellwood Cypress)

A semidwarf and comparatively new addition to the cypress family. A trim, compact, narrow pyramid with soft, feathery, bluish-green foliage.

18 to 24 inches, twice transplanted, B&B...	1.25	11.20	101.00
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Chamaecyparis lawsoniana erecta glauca

(Blue Column Cypress) (Allumi)

A cone-shape cypress erect in growth and with vertical foliage of turquoise blue.

18 to 24 inches, twice transplanted, B&B...	1.25	11.20	101.00
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Prices on BR and B&B stock are net cash, F.O.B. Portland. No packing charge.

No order booked without a deposit.

Wholesale Descriptive List available to the Trade.

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Portland 16, Ore.

of New Mexico and hardy on dry soils; *Potentilla fruticosa farreri*, a low dwarf shrub with bright golden flowers from June until late October; *Euonymus nanus turkestanicus*, upright plant to four feet that is almost fully evergreen with brilliant scarlet and pink fruits; *Pachistima canbyi*, a ground cover whose maximum height is nine inches, and *Prinsepia sinensis*, an Oriental shrub to eight feet with spiny arching branches.

Trees that were recommended by Mr. Leslie included the following: *Quercus mongolica*, *Tilia cordata*, var. Swedish basswood; *Prunus maackii*, *Sorbus decora*, a northern native with large bright scarlet berries; *Picea pungens*, var. Morden spruce; *Salix alba chermesina*, and *Pinus cembra*.

CHINESE CHESTNUTS

Hemming Strain
of Heavy-bearing Trees.

Blight-resistant.

	Per	Per	Per
	10	100	1000
12 to 18 ins.	\$2.50	\$22.50	\$200.00
18 to 24 ins.	3.50	32.50	300.00

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The ideal permanent evergreen ground cover plant for shady areas in all climates. Strong, well rooted. 1-yr.-old plants, \$3.75 per 100; \$35.00 per 1000; \$32.50 per 1000 for 5000 or more. Prompt shipment anywhere.

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Manchester, Conn.

Plant Notes Here and There

By C. W. Wood

When botanists seem unable to make up their collective minds on what to call a plant, why should a mere gardener bother his head about such a matter? Take the common blue violet of eastern meadows, for example. In one authoritative book that I pick up it may be called *Viola cucullata*, while the next one is likely to refer to it as *V. papilionacea*—and both neglect to tell me that it is one of the showiest and easiest of the true violets. Their statement that it is found in wet places will lead me to think that I cannot cultivate it in my dry soil, whereas, as a trial would show, it is quite indestructible in wet soil or dry and in sun or shade.

In fact, this is a violet that one can take into his garden, knowing that it will give more in return for a little care than almost any other plant—more in pleasing, bright green leafage, as well as in large, showy flowers. The floral display lasts more than a month, usually six weeks or longer, commencing in May, and each large flower is borne at the top of a stem as much as 10 inches long.

As usually seen, this violet is a deep violet-blue or purple. It varies, however, to a white with purplish veins, when it is often called White Ladies; to a purplish form with pale stripes and frequently with variegated leaves, which has received the name *striata*; a pied form called *picta*; a large-flowered variety of indigo purple with the appropriate name *grandiflora*, and an outstanding one, *priceana* or *Confederate* violet, with showy blue-centered white flowers.

Arum Maculatum

Now that flower arranging is practiced by all the lady members of the gardening fraternity and also by many of the men, the neighborhood grower is well advised when he is told to look out for all the material suited to that hobby.

Aside from its value as a garden plant for the decoration of partly shaded situations during the spring, the plant called lords-and-ladies, cuckoo-pint and otherwise by gardeners and termed *Arum maculatum* by botanists is especially worthy of the notice of devotees of flower arranging. Perhaps you have noticed pleasing arrangements at the spring shows in which daffodil flowers and arum leaves were used to comple-

ment each other. The idea is not new, of course, for Miss Jekyll called attention to it in her "Wood and Garden" in the late 19th century. Arum foliage will be found useful in many spring arrangements in addition to the ones in which daffodils predominate.

Fortunately, the plant, which grows from a large tuber, is quite easily cultivated in rich soil in a partially shaded spot. It requires an abundance of moisture during the growing season and should be hardy

in most sections of the country if mulched during the winter.

Rose Hips for Arrangements

Speaking of growing material for the flower arranger reminded me of rose hips for autumn sales. All gardeners, whether they be arrangers or not, who love bright autumn fruits should get acquainted with the rose species. Not all roses are showy in fruit, of course; so one should look around before making a choice.

If one's acquaintance with this

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Acer Palmatum Atropurpureum Dissectum	65.00
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Fagus Sylvatica Fastigiata (Pyramidal)	65.00
Fagus Sylvatica Pendula	65.00
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Pinus Strobus Pendula	50.00
Pinus Parviflora Glauca	50.00
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Thuja Occidentalis Douglasii Spiralis	40.00
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Thuja Occidentalis Lutea George Peabody	40.00
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Thuja Occidentalis Rosenthalii	40.00
Thuja Occidentalis Wareana (Sibirica)	40.00
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Bradson sprayers go like a nozzle on the garden hose. Water pressure does the work. A Bradson "gun" makes spraying *easier* ... and *kills more pests* because it *thoroughly drenches* plants with a soft, misty spray. You can't beat that combination for contented customers!

IT'S EASIER

... water pressure operates valve. All you hold is the hose!



TO TURN ON SPRAY push knob forward... remove thumb... water pressure holds valve open.

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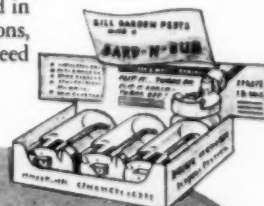
Bradson's new Gard-N-Gun design provides a suction hole *five times as large*. It sprays *both liquids and powders*, yet is *practically impossible to clog*.

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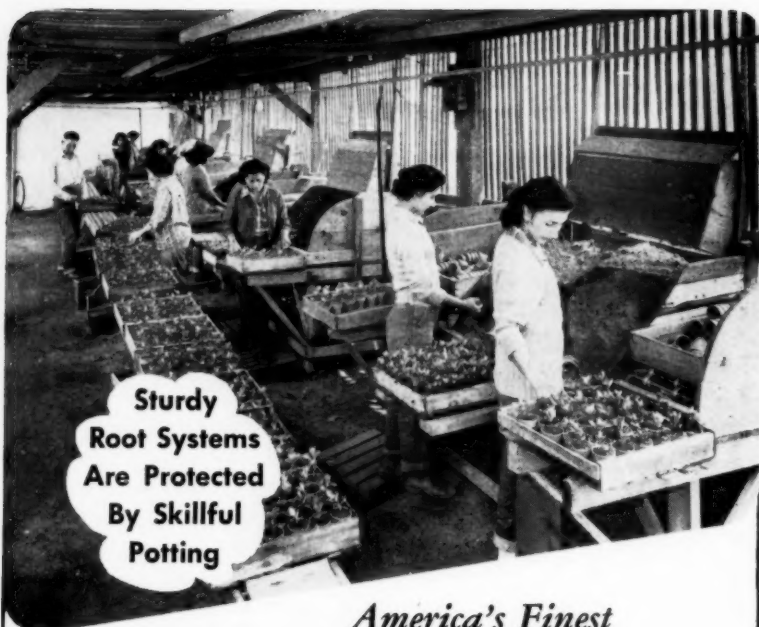
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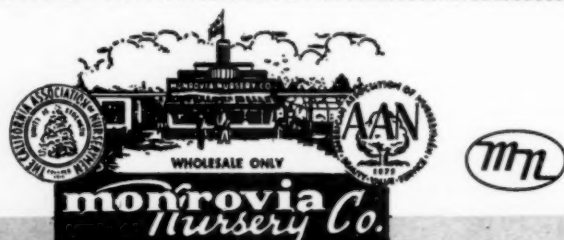
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Feijoa sellowiana		12c
Juniperus chinensis pfitzeriana		20c
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Osmanthus fragrans		17 1/2c
Prunus laurocerasus		17 1/2c
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Viburnum suspensum		15c

WRITE FOR OUR FREE CATALOG



P O BOX 196 MONROVIA, CALIF

class of plants commences with *Rosa moyesi* and *R. setipoda*, both Chinese species, which are now available in this country, it is likely to broaden out to include a dozen or more others which help to make fall a more pleasant season. The first of the two mentioned has long sprays of bright red, pitcher-shaped fruits, while the other's are rather pear-shaped and bright crimson, both being excellent for a great variety of indoor decorations as well as producing a colorful spot in the fall and early winter garden.

Crested Iris

Because of the obvious connection of a dwarf plant and the rock garden, the tiny southern crested iris, *Iris cristata*, is usually relegated to that part of the home landscape. It will be admitted, too, that the plant is admirably fitted for such a setting; it does not follow, however, that the rock garden is the end of its usefulness.

For instance, I have seen it used many times to good effect as an edging for beds of tall-growing iris. Perhaps its greatest beauty can be brought out by planting it in long drifts on sunny or lightly shaped slopes.

Truly, the crested iris is a plant of many uses when one of 4-inch stature and lavender-blue flowers can find a suitable place. Unlike many miniatures, it is easily grown in any good garden soil. There is also a beautiful white-flowered form, more delicate of constitution than the type, but not too difficult for the careful gardener.

Primula Involucrata

An eastern reader writes that he has seeds of *Primula involucrata* and asks about its culture. I faintly remembered having it under trial here long ago, but could scarcely recall what it looked like until I ran onto a notebook kept back in 1932; then it all came back to me.

The plant makes tiny tufts of glossy green leaves, from which spring 8-inch stems bearing fragrant white flowers in June. A matter-of-fact description, such as the foregoing, does not tell half the story of this pretty little primrose, nor shall I embellish it with flowery language in an attempt to make it sound more enticing, leaving the plant to speak for itself. In fact, I can say little about it as an outdoor plant, because our trials were made in pots so that we could better supply its moisture needs.

Gardeners of my acquaintance who can grow it in the open con-

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	Per 25	Per 100	Per 250	Per 1000
Ambrosia Late	\$0.40	\$1.25	\$2.25	\$ 8.00
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Big Joe	.40	1.25	2.25	8.00
Blakemore	.40	1.25	2.25	7.50
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Fairpeake	.45	1.35	2.50	8.50
Gem (Everbearing)	.75	2.50	4.75	17.00
Klonmore	.40	1.25	2.25	7.50
Lupton Late	.40	1.25	2.25	8.00

	Per 25	Per 100	Per 250	Per 1000
Mastodon (Everbearing)	\$0.75	\$2.50	\$4.75	\$17.00
Massey	.40	1.25	2.25	8.00
Midland	.45	1.35	2.50	8.50
Premier	.45	1.35	2.50	8.50
Red Crop	.40	1.25	2.25	8.00
Red Star	.45	1.35	2.50	8.50
Robinson	.40	1.25	2.25	8.00
Streamliner (Everbearing)	.75	2.50	4.75	17.00
Southland	.40	1.25	2.25	8.00
Superfection (Everbearing)	.75	2.50	4.75	17.00
Sparkle	.40	1.25	2.25	8.00
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Tennessee Beauty	.40	1.25	2.25	8.00
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	Each	Per 10	Per 100	Per 1000
Agawam (red), 2-yr., No. 1	\$0.30	\$2.00	\$15.00	\$125.00
Agawam (red), 1-yr., No. 1	.25	1.75	12.00	100.00
Brighton (red), 2-yr., No. 1	.30	2.00	15.00	125.00
Brighton (red), 1-yr., No. 1	.25	1.75	12.00	100.00
Caco (red), 2-yr., No. 1	.30	2.00	15.00	125.00
Caco (red), 1-yr., No. 1	.25	1.75	12.00	100.00
Catawba (mahogany), 2-yr., No. 1	.30	2.00	15.00	125.00
Catawba (mahogany), 1-yr., No. 1	.25	1.75	12.00	100.00
Concord (blue), 2-yr., No. 1	.25	1.75	12.00	100.00
Concord (blue), 1-yr., No. 1	.20	1.50	9.00	80.00
Delaware (red), 2-yr., No. 1	.30	2.25	18.00	150.00
Delaware (red), 1-yr., No. 1	.25	2.00	15.00	125.00
Fredonia (black), 2-yr., No. 1	.30	2.00	15.00	125.00
Fredonia (black), 1-yr., No. 1	.25	1.75	12.00	100.00
Moore's Diamond (white), 2-yr., No. 1	.30	2.00	15.00	125.00
Moore's Diamond (white), 1-yr., No. 1	.25	1.75	12.00	100.00
Moore's Early (black), 2-yr., No. 1	.30	2.00	15.00	125.00
Moore's Early (black), 1-yr., No. 1	.25	1.75	12.00	100.00
Niagara (white), 2-yr., No. 1	.30	2.00	15.00	125.00
Niagara (white), 1-yr., No. 1	.25	1.75	12.00	100.00
Portland (white), 2-yr., No. 1	.30	2.25	18.00	150.00
Portland (white), 1-yr., No. 1	.25	2.00	15.00	120.00
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Worden (black), 1-yr., No. 1	.25	1.75	12.00	100.00

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1-yr., No. 1 grade	.75	2.50	4.25	14.00

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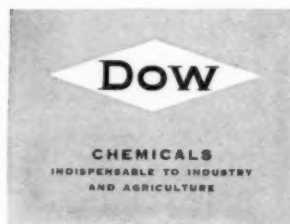
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sider it one of the best primroses for the amateur, provided its cultural needs can be supplied. These include, so they tell me, a rich moist soil and, in the climate of eastern United States, about half shade. All agree that it must have constant root moisture from spring until fall.

Novelties

Last fall at a gathering of horticultural workers I was almost bowled over when a quite prominent nurseryman complained that horticultural writers were the worst thing that nurserymen had to contend with. It seems, from his conversation, that in our praise of novelties we create a demand for that kind of material among gardeners which most nurserymen are not prepared to meet. Because I do a bit of horticultural writing myself, I felt bad about the matter at the time, for he was so earnest in his wailing; now that I have had time to think it out to the end, I am much less concerned with his plight than I am with the fact that so many of us are blind to our opportunities. Much unusual plant material is available to anyone who will spend a little time to search it out and perhaps to learn the tricks of propagation and culture needed for its rapid increase

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Adorable, glowing salmon-pink.....	\$1.75	\$15.00
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Red Cloud, tall red.....	1.50	12.50
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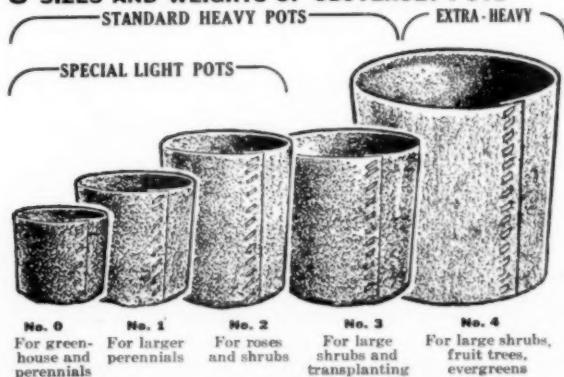
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- Free folder about mats.
- Sample set, all 8 pots, 50c.
- Free book, "How to Sell Plants in Cloverset Pots for Profits."

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AGRICO FOR LAWNS, TREES AND SHRUBS. Contains all needed plant foods, both organic* and inorganic, to stimulate greener lawns, healthier trees and shrubs. In 50, 25, 10, 5-lb. bags.

AGRICO FOR GARDENS. Specially formulated for greater abundance of flowers, more bloom and color, and better vegetables, richer in minerals and vitamins. In 50, 25, 10, 5-lb. bags.

AGRICO FOR BROAD-LEAVED EVERGREENS. Prepared expressly to feed Rhododendrons, Azaleas and other acid-loving plants. Builds up essential soil acidity. In 50, 25, 10, 5-lb. bags.

AGRICO ROSE FOOD. Contains all essential elements — both organic* and inorganic—for exclusive job of growing roses of highest quality and beauty. In 50, 25, 10, 5-lb. bags.

*Organic derived from AGRINITE, the 100% organic plant food.



4

Special-Purpose Fertilizers that Bring You DOUBLE PROFITS

Nurserymen are profiting two ways with Special-Purpose Agrico Fertilizers: (1) Used on their plantings Agrico produces utmost health and vigor and promotes quality production. (2) By selling Agrico to their trade, nurserymen help customers get better results—and profits on Agrico sales mean extra net profits.

Four Special-Purpose Agrico Fertilizers go further, do a better job . . . more plant-feeding value per pound and per dollar. Order Agrico now—we furnish liberal supply of colorful booklets, display material, newspaper cuts, etc., to help you increase sales and profits. Write us today.

Order AGRICO Now!

Order Agrico from nearest A. A. C. Sales Office, or write to

**The AMERICAN
AGRICULTURAL CHEMICAL CO.**
50 Church St., NEW YORK 7, N. Y.

and use in the garden. Why, then, should one waste sympathy on a grower who sticks to hollyhocks and pansies, because they are easy to get, rather than take the trouble to find the unusual things, and wails because his customers ask for novelties?

Crassina

It has been so long since crassinias have been in this garden that they had completely escaped my mind until I saw one mentioned recently in a western flora.

Two kinds, *Crassina grandiflora* and *C. pumila*, are known to me. The latter appears to have little garden value, being rather drab; the other, *C. grandiflora*, which has something of the appearance of a tiny yellow zinnia, is a really attractive plant. Coming from dry mountain sides in the west, it should not be difficult to grow here in the east; however, it proved to be quite short-lived in our trials years ago. It might be that it cannot stand the temperatures of 38 or 40 degrees below zero which we sometimes have; I rather suspect that it was more adversely affected by late spring dampness than by cold. I have since read that it requires a soil containing much lime.

FOR 52 YEARS

*Our business has been
growing*

Rhododendrons
Azaleas
Perennials, Roses
All Nursery Items

BOBBINK & ATKINS
E. RUTHERFORD, N. J.



LINING-OUT STOCK

IN WIDE ASSORTMENT

Hardy Azaleas, Pink Dogwood, Jap. Red Maples, Old English Boxwood, Lilacs (French Hyb.), Evergreens, etc., in 1, 2 and 3-yr. transplants, at competitive prices. Write for list.

DEERFIELD NURSERIES
DEERFIELD STREET P. O., N. J.

PRIVET and BERBERIS

Splendid Stock

Write for Special Quotations

LESTER C. LOVETT

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DELAWARE

ORNAMENTAL EVERGREENS

Trees & Shrubs

BAGATELLE NURSERY
P. O. Huntington Station, N. Y.

We grow good Evergreen Liners,
Seedlings and Transplants

Ask for our Wholesale List.

The STEDMAN NURSERIES
NEWFANE, N. Y.

PENNSYLVANIA EVERGREEN SEEDLINGS

grown at High Altitude, in the heart of the
ORIGINAL PENNSYLVANIA PINE FORESTS

	Per 100	Per 1000		Per 100	Per 1000
Scotch Pine (Sylvestris), 2-0, 4 to 6 ins..	\$2.50	\$20.00	Norway Spruce, 3-0, 6 to 10 ins.....	\$ 5.00	\$40.00
Scotch Pine (Sylvestris), 3-0, 8 to 12 ins.	3.50	30.00	Colorado Blue Spruce, 2-0, 2 to 4 ins.	3.50	25.00
Scotch Pine (Riga), 2-0, 2 to 4 ins.....	2.50	15.00	Colorado Blue Spruce, 3-0, 4 to 6 ins.	4.50	35.00
Scotch Pine (Riga), 2-0, 4 to 8 ins.....	3.50	25.00	Colorado Blue Spruce, 4-0, 6 to 10 ins.	5.50	45.00
American Red Pine, 2-0, 2 to 4 ins.....	3.50	25.00	Black Hills Spruce, 2-0, 3 to 5 ins.....	3.00	20.00
American Red Pine, 3-0, 4 to 6 ins.....	4.00	30.00	Black Hills Spruce, 2-0, 5 to 8 ins.....	4.00	30.00
American Red Pine, 3-0, 6 to 9 ins.....	5.00	40.00	White Spruce, 3-0, 3 to 6 ins.....	3.50	25.00
American Red Pine, 4-0, 8 to 14 ins.....	6.00	50.00	Engelmann Spruce, 2-0, 3 to 6 ins.....	4.00	30.00
Japanese Red Pine, 2-0, 2 to 4 ins.....	2.50	15.00	Balsam Fir, 4-0, 5 to 10 ins.....	6.00	50.00
Japanese Red Pine, 2-0, 4 to 7 ins.....	3.50	25.00	Douglas Fir, 2-0, 3 to 6 ins.....	3.50	25.00
Japanese Red Pine, 3-0, 8 to 16 ins.....	4.00	30.00	Japanese Larch, 3-0, 8 to 14 ins.....	3.00	25.00
Austrian Pine, 2-0, 3 to 5 ins.....	4.00	30.00	Japanese Larch, 3-0, 14 to 30 ins.....	5.00	35.00
Ponderosa Pine, 2-0, 4 to 6 ins.....	4.00	30.00	European Larch, 3-0, 15 to 30 ins.....	5.00	35.00
White Pine, 2-0, 3 to 5 ins.....	3.50	25.00	Hemlock (Canadian), 2-0, 3 to 6 ins...	4.50	35.00
White Pine, 4-0, 6 to 14 ins.....	6.00	.....	Chestnut, blight-resistant, 1-0, 10 to 16 ins.....	20.00	25c each in lots of 10
Mugho Pine (Dwarf), 2-0, 2 to 3 ins....	3.00	20.00			
Mugho Pine (Dwarf), 2-0, 3 to 5 ins....	4.00	30.00			
Norway Spruce, 2-0, 3 to 6 ins.....	3.00	20.00			
Norway Spruce, 2-0, 6 to 9 ins.....	4.50	35.00			

Transplant listing will be sent on request.

We have for this season RIGA Strain Scotch Pine Seedlings. The best strain known for select and fastest-growing CHRISTMAS TREES.

5 per cent discount on 10,000
10 per cent discount on 25,000
20 per cent discount on 50,000
or more. Prices net.

This discount applies to
RIGA SCOTCH SEEDLINGS
only.

Why not make a planting of Scotch this season?—it will pay you large dividends.

All stock offered subject to prior sale; all other seedlings or transplants, subject to 5 per cent discount on 25,000 or more.

SCHROTH'S NURSERY

INDIANA, PA.

— SEEDLINGS OF QUALITY —

Massachusetts Meeting

By C. J. Gilgut, Secretary

Retail prices of nursery stock are not high, said Homer K. Dodge, of Landscape Service Co., Framingham, in his president's message at the annual meeting of Massachusetts Nurserymen's Association, at Hotel Kenmore, Boston, January 8. He was amazed to find that the prices of many items are lower today than he found them to be in a 1927 catalog of a large well-known nursery. A few plants, such as shade trees, which are in short supply, are a little higher, but by no means has the increase been so great as for commodities and goods of other industries.

Although he would like to see prices stay as low as they are, as a matter of principle and service to the public, said Mr. Dodge, this does not seem possible because of the present conditions of higher costs, due to increased taxes, insurance, labor, materials, etc. Even now most of us are working on a smaller percentage of markup for our services than at any other time in the industry's history. In landscape work, we do not approach the rate exacted by other industries when we consider the skill and experience we provide. If prices must go up, the nurseryman need not apologize.

Commenting on the United States census of horticultural specialties, Mr. Dodge said it showed that Massachusetts was not holding its own with the rest of the nation on the basis of population in respect to value of nursery stock at the wholesale level, but that the picture was somewhat more favorable as regards retail sales. He felt the census did not indicate the true state of the industry in Massachusetts because of inadequate returns and urged that the association make a survey of its own to determine where Massachusetts really does stand.

Massachusetts nurserymen enjoyed a prosperous year in 1951. There is no surplus stock and the possibility of a price war is nonexistent at present. The prospect ahead is another prosperous year, but elections are coming up. These are crucial and will decide whether we are on the road of no return from socialism.

Officers Elected

The officers elected for 1952 are: President, Harold D. Stevenson, Bay State Nurseries, North Abington; vice-president, Harold Atwater, Atwater Nurseries, Agawam; treasurer,

Charles A. Godin, Adams Nursery, Inc., Westfield; executive secretary, C. J. Gilgut, Waltham field station. Directors elected are Heinrich Rohrbach, Heatherfells Nursery, Andover; Frank White, White's Landscape Service; Homer K. Dodge, Landscape Service Co., Framingham.

Among the many other items of business considered during the day was that of a prize or prizes for student exhibits, some of which are definitely of professional quality, at the University of Massachusetts fall horticulture show. The directors were authorized to expend up to a total of \$100 for this purpose. Good will be-

tween the faculty and students of a state university and the nurserymen is highly desirable and mutually beneficial. Nurserymen can show a sincere interest in their own university in a tangible way by granting prizes and scholarships to deserving students.

Roadside Planting

The morning speaker, John McManmon, in charge of roadside development for the commonwealth of Massachusetts, outlined the present status of roadside planting and the problems encountered in such work. He remarked, "I was born and brought up in the nursery industry, and I have never seen so great a development in any industry as that which has taken place in the nursery industry in the past 15 years. When I first went to the highway depart-

We grow many of the
HARDY VARIETIES of YEW
Specializing in Capitata

May we have the privilege of quoting
on your want lists?

We are completely sold out of Lining-out
Stock for Spring, 1952.

LEGHORN'S EVERGREEN NURSERIES
Geer St. Cromwell, Conn.

RED BARBERRY

Two-year, heavy, not transplanted.

	Per 100	Per 1000
9 to 12 ins.	\$ 8.00	\$ 60.00
12 to 15 ins.	12.50	100.00
15 to 18 ins.	17.50	150.00

Also Fruit Trees, including Dwarf Apple and Peach, Shrubs, Trees, Evergreens, Perennials.

Write for Trade List.

BROWN BROTHERS CO.

Nurserymen

EAST ROCHESTER, NEW YORK

Pyramidal Arborvitae, 4 to 5 ft.
Irish Juniper, 24 to 30 ins.
Hetz Juniper, 15 to 18 ins.
Pfitzer Juniper, 30 to 36 ins.

HENRY NURSERIES

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HENRY, ILL.

LINING-OUT TAXUS

MANY VARIETIES

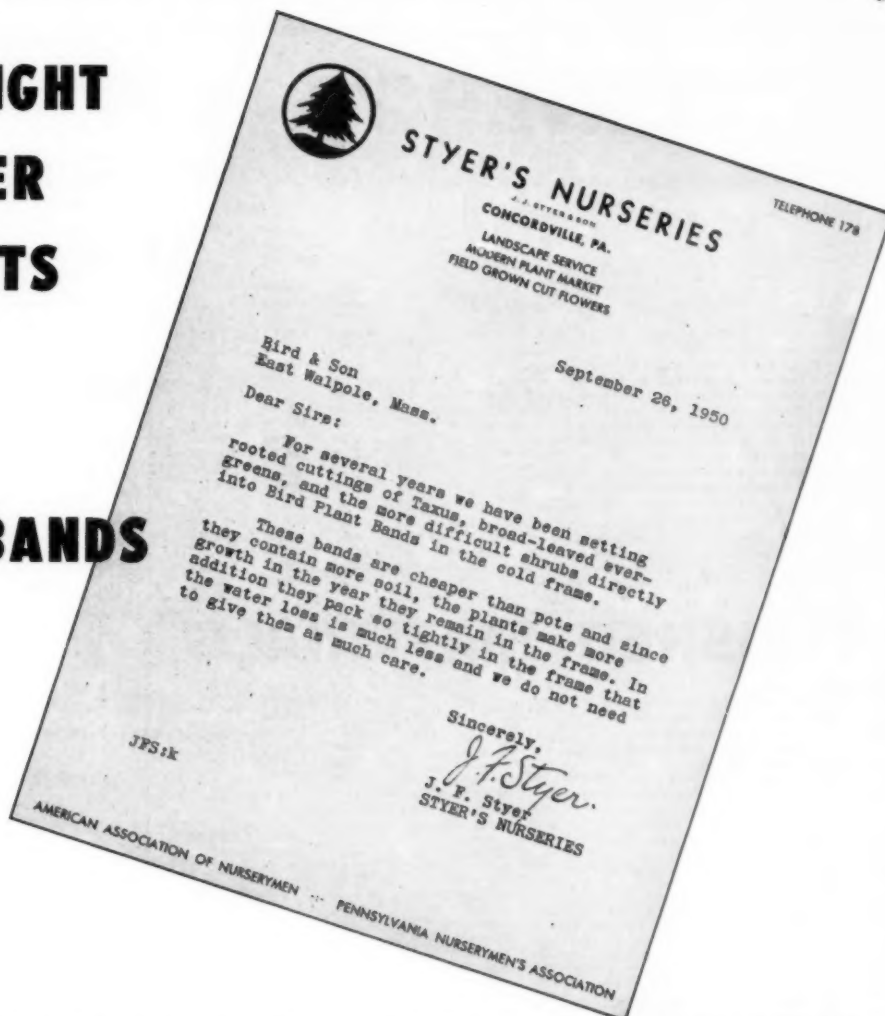
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**EAGLE CREEK
NURSERY CO.**

NEW AUGUSTA, IND.

TOPFLIGHT GROWER REPORTS ON BIRD VITA-BANDS



Nurserymen everywhere are enthusiastic about Bird Vita-Band® Plant Bands. They know that for Holly or Taxus, Biota or Azaleas, they can grow most successfully with Vita-Bands—The Short Cut To Better Crops.

Yes—Thousands of growers—Millions of Vita-Bands. That's today's record made possible by Bird's revolutionary development of plant bands that give growers a short cut to better crops.

Nutrient-treated Vita-Band "10" aids plant growth from seedling through the time of transplant. At that time, Vita-Band "10" is removed, and with normal handling, compact healthy rootball is set without transplant shock. Nutrient-treated Vita-Band "D"

is not removed at time of transplant but is set with the plant, thus eliminating possibility of transplant shock.

Never before has such root growth control—as in Vita-Band "D"—been available to growers with so little effort and expense.

Whether you start your crop in Vita-Band "D" or Vita-Band "10", you can move whole flats at a time. Individual plants are easily removed from the flats for quick transplanting without shock.

Higher net profits result because crop handling is more economical, plants are healthier and mature earlier. Order from supplier's catalog, or write us direct. Bird & Son, inc., Dept. AN-2, East Walpole, Mass.

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VITA-BAND D with its hardened outer-coating, rigidly contains root growth—except for extra long growing periods—until grower chooses to let root through Band. Only quick, slight pressure is needed to crack Band. Then Band disintegrates in the soil, permitting free growth of root from time of transplant. Nutrient-treated with quickly available plant food.

VITA-BAND "D" is packed 2,000 to the case—except sizes 3" by 3", 4" by 3", and 4" by 4", which are packed 1,000 to the case. Vita-Band 10 is packed 1,000 to the case—except for 4" by 3", and 4" by 4", which are packed 500 to the case.

PLANT BANDS	PRICE PER 1000—SIZES IN INCHES								
	1½ x 1½ x 2½	1½ x 1½ x 2½	2 x 2 x 2½	2 x 2 x 3	2½ x 2½ x 3	3 x 3 x 3	4 x 4 x 3	4 x 4 x 4	4 x 4 x 4
VITA-BAND D	3.75	4.05	4.55	5.20	5.95	6.90	9.10	11.45	
VITA-BAND 10	3.60	3.90	4.40	4.90	5.65	6.75	8.85	11.10	

Prices higher in Rocky Mtn., Pacific Coast, Texas and Gulf State areas.

BIRD & SON, inc.
Established 1915

BIRD VITA-BAND • TOM THUMB FLAT • VITA-POTS • RED POTS

VITA-BAND 10 for short growing periods. Will usually contain root growth up to approximately 8 to 10 weeks. Nutrient-treated with quickly available plant food... your judgment determines need for additional feeding. Especially good for annuals and vegetables. Vita-Band "10" should be removed at time of transplant.

LINERS

The following are some items from our February 1 list plus some extra grading counts.

	Per 100	Per 1000	Per 5000
11,000 <i>Juniperus glauca hetzi</i> , 2-yr., T, 10 to 15 ins.	\$33.00	\$300.00	.....
1350 <i>Retinospora decussata</i> (Improved Plumosa), 2-yr., T, 8 to 12 ins.	30.00	250.00	.....
6000 <i>Taxus media andersonii</i> , 2-yr., T, 8 to 12 ins.	25.00	200.00	.....
7500 <i>Taxus media hicksii</i> , 2-yr., T, 6 to 10 ins.	27.50	225.00	.....
5000 <i>Taxus media hicksii</i> , 2-yr., T, 10 to 15 ins.	35.00	300.00	.....
5000 <i>Acer palmatum</i> , 1-yr., S, 4 to 8 ins.	4.50	35.00	.....
4000 <i>Cornus florida</i> , 1-yr., S, 6 to 12 ins.	6.00	50.00	.....
1500 <i>Populus nigra Italica</i> , R.C., 2 to 3 ft.	6.00	50.00	.....
2000 <i>Quercus robur</i> , 1-yr., S, 6 to 12 ins.	7.50	60.00	.....
1500 <i>Quercus rubra</i> , 1-yr., S, 6 to 12 ins.	7.50	60.00	.....
8500 <i>Azalea mollis</i> , T.T., 4 to 8 ins.	27.50	225.00	\$1000.00
11,100 <i>Berberis thunbergii</i> , 2-yr., S, 3 to 6 ins.	1.50	12.00	50.00
17,200 <i>Berberis thunbergii</i> , 2-yr., S, 6 to 9 ins.	2.50	22.50	100.00
14,000 <i>Berberis thunbergii</i> , 2-yr., S, 9 to 12 ins.	3.50	30.00	135.00
3000 <i>Berberis thunbergii</i> , 2-yr., S, 12 to 18 ins.	5.00	40.00	.....
Sorry we refused so many orders on these green barberry. They graded out over estimate.			
8525 <i>Philadelphus virginialis</i> , R.C., 6 to 10 ins.	6.00	50.00	225.00
3925 <i>Philadelphus virginialis</i> , R.C., 10 to 15 ins.	10.00	80.00	.....
3600 <i>Philadelphus virginialis</i> , wrapping grade, 15 to 20 ins.	14.00	120.00	.....
17,500 <i>Rosa multiflora</i> , 1-yr., S, 6 to 10 ins.	2.00	12.50	50.00

FINISHED MATERIALS

	Per 10	Per 100	Per 1000
100 <i>Betula alba laciniata</i> , 10 to 12 ft.	\$42.50	\$400.00	.....
200 <i>Magnolia soulangeana</i> , B&B, 2 to 4 ft.	45.00	400.00	.....
175 <i>Magnolia soulangeana</i> , B&B, 4 to 5 ft.	55.00	500.00	.....
50 <i>Magnolia soulangeana</i> , B&B, 5 to 6 ft.	70.00	650.00	.....
1600 <i>Azalea mollis</i> , B&B, 12 to 15 ins.	18.50	160.00	.....
280 <i>Azalea yodogawa</i> , B&B, 15 to 18 ins.	27.50	250.00	.....
7316 <i>Azalea hybrids, mollis, pontica and rustica rubra</i> ; 59 varieties, 15 to 18 ins.; 18 to 24 ins.; 2 to 2½ ft. Priced \$3.50 to \$7.00. Send for itemized list.			
3600 <i>Berberis thunbergii</i> , 2 to 2½ ft.	3.20	25.00	\$225.00
375 <i>Hydrangea A.G.</i> , 18 to 24 ins.	4.50	35.00	.....
500 <i>Hydrangea P.G.</i> , 18 to 24 ins.	4.50	35.00	.....
540 <i>Hydrangea P.G.</i> , 2 to 3 ft.	5.50	45.00	.....
1360 <i>Ligustrum ibota</i> , 12 to 15 ins.	1.50	7.00	60.00
700 <i>Ligustrum ibota</i> , 15 to 18 ins.	2.00	10.00	90.00
675 <i>Rosa rugosa</i> , 18 to 24 ins.	4.50	35.00	.....
360 <i>Rosa rugosa</i> , 2 to 2½ ft.	5.50	45.00	.....
2000 H.T. Roses, assorted, No. 1.	7.00	60.00	.....
H.T. Roses, assorted, No. 1½.	5.50	45.00	.....
H.T. Roses, assorted, No. 2.	4.00	30.00	.....
150 <i>Spiraea prunifolia fl. pl.</i> , 3 to 4 ft.	6.00	50.00	.....
219 <i>Spiraea thunbergii</i> , 18 to 24 ins.	4.50	35.00	.....
1500 <i>Parthenocissus tricuspidata</i> , 2-yr., medium.	3.50	25.00	225.00

FAIRVIEW EVERGREEN NURSERIES,
FAIRVIEW, Erie Co., PA.

QUEEN O' the LAKES

(Dark Velvety Red)

and 30 other fragrant

SUB-ZERO HYBRID TEAS

Large and beautiful as any. Easy to grow; long to live. Bloom more; more constantly. Save replacement expense.

Also 20

Yellow and Orange Climbers

Write for trade prices to

BROWNELL ROSES

LITTLE COMPTON, R. I.



DEVELOPING NURSERY SALES AND DISPLAY GROUNDS

\$1.00 per copy.

AMERICAN NURSERYMAN.

343 So. Dearborn St.,

Chicago 4, Ill.

ment in 1935, no one there knew anything about landscaping and no one cared. But today, landscaping and roadside development are an important part of planning of every new road. Now we are the biggest park department in the state."

The guest luncheon speaker was Earl Smith, director of Babson Reports of the Babson Institute, Wellesley, Mass. His topic was "Business Trends and What They Indicate for the Future." To make his talk more clear, he presented each member with a chart published by Babson Reports showing growth of business from 1871-1951. On the chart, along with lines showing wholesale commodity prices, bond yields and industrial stock prices, is a normal growth line for business showing periods of prosperity and depression and reasons for them. There is also this comment: "Note how depression areas inevitably and always follow prosperity areas."

His long-term outlook was bullish or hopeful. America is facing a fine future, better than anything we have seen in our history, for the next 50 or 100 years. Our salvation is that we learn fast, but we need to be humble and not become swelled in the face of the world.

Town Would Restrict Nursery

The next speaker, Stedman Snow, Winslow Nurseries, Inc., Needham, might well have called his subject "Growing Pains of a Growing Nursery." He told how a little known small nursery, with broken-down equipment and almost no good will at the close of the war, has grown into a year-around operation of respectable proportions. In the winter, greenhouse plants such as African violets are offered for sale, bringing in people who ordinarily would not visit the nursery at that time. Many of them return again and again later on in the year. Advertising is carried on 52 weeks of the year on a \$1,000 weekly budget, and the cost of this item alone indicates the size of retail operations.

With growth have come some problems, such as traffic congestion, need for parking facilities for employees and customers and some additional greenhouse and storage space. But the selectmen of the town of Needham do not like to see this growth. They have entered a bill of complaint against Winslow Nurseries in Superior court. The town of Needham admits that the zoning laws permit greenhouses and nurseries where Winslow's is located. It also admits that the propaga-

EVERGREENS

These can be shipped INSIDE the Japanese Beetle area ONLY.

	Each
50 <i>Retinospora Plumosa</i> , green, 12 to 18 ins.	\$1.15
140 <i>Juniperus Hibernica</i> , 18 to 24 ins.	1.25
150 <i>Juniperus Stricta</i> , 12 to 15 ins.	1.50
490 <i>Taxus brevifolia Nana</i> , 12 to 15 ins.	2.35
50 <i>Taxus Canadensis Stricta</i> , 15 to 18 ins.	2.75
1300 <i>Taxus Cuspidata</i> , 12 to 15 ins.	2.00
95 <i>Taxus Cuspidata Media</i> , 18 ins.	2.50
400 <i>Taxus Cuspidata Media</i> , 12 to 15 ins.	2.00
150 <i>Taxus Cuspidata Upright Columnar</i> , 18 ins.	2.25
150 <i>Taxus Cuspidata Upright Columnar</i> , 15 to 18 ins.	2.00
240 <i>Taxus Media Hatfieldi</i> , 15 to 18 ins.	2.25
20 <i>Taxus Ovata</i> , 18 to 24 ins.	2.75
100 <i>Taxus Ovata</i> , 18 ins.	2.50
100 <i>Thuja Dark Green American</i> , 18 ins.	1.00
265 <i>Thuja Pyramidalis</i> , 3 ft.	3.00
25 <i>Thuja Pyramidalis</i> , 2 to 3 ft.	2.50

Ornamental and Flowering TREES

	Each
15 <i>Crab</i> , Bechtel, 3 to 4 ft.	3.00
12 <i>Crab</i> , Eleyi, 5 to 6 ft.	3.50
162 <i>Crab</i> , Hops, 6 to 7 ft.	3.00
97 <i>Crab</i> , Hops, 5 to 6 ft.	3.00
19 <i>Crab</i> , Hops, 4 to 5 ft.	2.25
4 <i>Crab</i> , Niedzwetskyana, 6 to 7 ft.	3.50
80 <i>Crab</i> , Sargent, 5 to 6 ft.	3.00
19 <i>Crab</i> , Sargent, 4 to 5 ft.	2.50
20 <i>Crab</i> , Sargent, 3 to 4 ft.	2.25
12 <i>Crab</i> , Sargent, 2 to 3 ft.	2.00
50 <i>Salix Babylonica</i> , 4 to 5 ft.	1.25

LINING-OUT STOCK

	Per 100
1700 <i>Ampelopsis Veitchii</i> , 1-yr. sdgs., No. 1.	\$5.00
1000 <i>Ampelopsis Veitchii</i> , 1-yr. sdgs., No. 2.	4.00

Famous Connecticut Valley Grown BARBERRY THUNBERGI SEEDLINGS

Two-year, Not Transplanted

Green	Per 100	Red	Per 100
13,625 12 to 18 ins.	\$5.00	965 6 to 9 ins.	\$4.00
14,900 9 to 12 ins.	4.00	370 3 to 6 ins.	2.50

Two-year Field-grown SHRUBS and VINES

	Each
1318 <i>Almond</i> , Pink, 3 to 4 ft.	\$0.65
853 <i>Almond</i> , Pink, 2 to 3 ft.	.55
150 <i>Almond</i> , Pink, 18 to 24 ins.	.40
164 <i>Almond</i> , Pink, 12 to 18 ins.	.30
20 <i>Ampelopsis Engelmanni</i> , No. 1.	.30
200 <i>Ampelopsis Engelmanni</i> , No. 2.	.20
157 <i>Ampelopsis Quinquifolia</i> , No. 1.	.25
550 <i>Ampelopsis Veitchii</i> , 3-yr., No. 1.	.35
1695 <i>Ampelopsis Veitchii</i> , 3-yr., No. 2.	.30
3426 <i>Ampelopsis Veitchii</i> , 2-yr., No. 2.	.25
50 <i>Aralia Pentaphylla</i> , 18 to 24 ins.	.20
79 <i>Aralia Pentaphylla</i> , 12 to 18 ins.	.18
1050 <i>Berberis Thunbergi</i> , 3-yr., green, 12 to 18 ins.	.20
764 <i>Berberis Thunbergi</i> , 3-yr., green, 9 to 12 ins.	.15
766 <i>Berberis Thunbergi</i> , 3-yr., red, 2 to 3 ft.	.60
134 <i>Berberis Thunbergi</i> , 3-yr., red, 18 to 24 ins.	.40
1566 <i>Berberis Thunbergi</i> , 3-yr., red, 12 to 18 ins.	.30
537 <i>Berberis Thunbergi</i> , 3-yr., red, 9 to 12 ins.	.25
5 <i>Calycanthus Floridus</i> , 2 to 3 ft.	.40
41 <i>Calycanthus Floridus</i> , 18 to 24 ins.	.30
97 <i>Calycanthus Floridus</i> , 9 to 12 ins.	.25
46 <i>Celastrus Scandens</i> , No. 1.	.30
363 <i>Celastrus Scandens</i> , No. 2.	.25
30 <i>Clethra Alnifolia</i> , 9 to 12 ins.	.20
5 <i>Cornus Florida</i> , bare-root, 2 to 3 ft.	.75
15 <i>Cornus Lutea</i> , 3 to 4 ft.	.50
4 <i>Cornus Lutea</i> , 2 to 3 ft.	.40
12 <i>Cornus Sibirica</i> , 18 to 24 ins.	.20
13 <i>Cornus Sibirica</i> , 12 to 18 ins.	.15
570 <i>Cornus Stolonifera</i> , 3 to 4 ft.	.30
324 <i>Cornus Stolonifera</i> , 2 to 3 ft.	.25
144 <i>Cotoneaster Divaricata</i> , 18 to 24 ins.	.55
75 <i>Cotoneaster Divaricata</i> , 12 to 18 ins.	.40
413 <i>Cydonia Japonica</i> , 2 to 3 ft.	.50
597 <i>Cydonia Japonica</i> , 18 to 24 ins.	.35
1193 <i>Cydonia Japonica</i> , 12 to 18 ins.	.20
275 <i>Cydonia Japonica</i> , 9 to 12 ins.	.15
9 <i>Cydonia Japonica</i> , true upright, 9 to 12 ins.	.30
22 <i>Eunonymus Alatus Compactus</i> , 2 to 3 ft.	1.50
24 <i>Eunonymus Alatus Compactus</i> , 12 to 18 ins.	.90
16 <i>Forsythia Fortunei</i> , 2 to 3 ft.	.30
16 <i>Forsythia Fortunei</i> , 18 to 24 ins.	.25
8 <i>Forsythia Fortunei</i> , 12 to 18 ins.	.20
117 <i>Forsythia Spectabilis</i> , 2 to 3 ft.	.35
610 <i>Forsythia Spectabilis</i> , 18 to 24 ins.	.25

Shrubs and Vines—continued

	Each
633 <i>Forsythia Spectabilis</i> , 12 to 18 ins.	\$0.20
123 <i>Forsythia, Spring Glory</i> , 18 to 24 ins.	.40
107 <i>Forsythia, Spring Glory</i> , 12 to 18 ins.	.35
47 <i>Forsythia Suspensa</i> , 18 to 24 ins.	.25
200 <i>Forsythia Suspensa</i> , 12 to 18 ins.	.20
7 <i>Forsythia Viridissima</i> , 12 to 18 ins.	.20
365 <i>Hydrangea A. G.</i> , 3 to 4 ft.	.40
3260 <i>Hydrangea A. G.</i> , 2 to 3 ft.	.35
2734 <i>Hydrangea A. G.</i> , 18 to 24 ins.	.30
1271 <i>Hydrangea A. G.</i> , 12 to 18 ins.	.25
43 <i>Hydrangea P. G.</i> , 2 to 3 ft.	.35
87 <i>Hydrangea P. G.</i> , 12 to 18 ins.	.20
5 <i>Kerria Japonica</i> , 2 to 3 ft.	.60
40 <i>Kerria Japonica</i> , 18 to 24 ins.	.55
10 <i>Kolkwitzia Amabilis</i> , 18 to 24 ins.	.50
359 <i>Kolkwitzia Amabilis</i> , 12 to 18 ins.	.40
730 <i>Ligustrum Amurense</i> , 12 to 18 ins.	.09
32 <i>Ligustrum Californica</i> , 3 to 4 ft.	.10
625 <i>Ligustrum Californica</i> , 18 to 24 ins.	.07
250 <i>Ligustrum Californica</i> , 12 to 18 ins.	.05
3750 <i>Ligustrum Ibolium</i> , 18 to 24 ins.	.08
13,575 <i>Ligustrum Ibolium</i> , 12 to 18 ins.	.07
117 <i>Lonicera Morrowi</i> , 18 to 24 ins.	.25
12 <i>Lonicera Tatarica</i> , red, 2 to 3 ft.	.35
127 <i>Lonicera Tatarica</i> , red, 18 to 24 ins.	.30
84 <i>Lonicera Tatarica</i> , red, 12 to 18 ins.	.25
35 <i>Lonicera Tatarica Alba</i> , 3 to 4 ft.	.40
33 <i>Lonicera Tatarica Alba</i> , 2 to 3 ft.	.30
13 <i>Lonicera Tatarica Alba</i> , 18 to 24 ins.	.25
25 <i>Lonicera Tatarica Alba</i> , 12 to 18 ins.	.20
58 <i>Lonicera Zabeli</i> , 12 to 18 ins.	.40
7 <i>Philadelphus Coronarius</i> , true, 2 to 3 ft.	.50
12 <i>Philadelphus Coronarius</i> , true, 18 to 24 ins.	.40
8 <i>Philadelphus Coronarius</i> , true, 12 to 18 ins.	.30
27 <i>Philadelphus Grandiflora</i> , 2 to 3 ft.	.25
62 <i>Philadelphus Grandiflora</i> , 18 to 24 ins.	.20
20 <i>Philadelphus Grandiflora</i> , 12 to 18 ins.	.15
1760 <i>Philadelphus Virginialis</i> , 2 to 3 ft.	.45
2353 <i>Philadelphus Virginialis</i> , 19 to 24 ins.	.35
920 <i>Philadelphus Virginialis</i> , 12 to 18 ins.	.30
20 <i>Rhodotypos Kerrioides</i> , 9 to 12 ins.	.30
15 <i>Rhus Cotinus</i> , 3 to 4 ft.	.55
35 <i>Rhus Cotinus</i> , 2 to 3 ft.	.45
160 <i>Rhus Cotinus</i> , 12 to 18 ins.	.30
10 <i>Spiraea Anthony Waterer</i> , 18 to 24 ins.	.35
29 <i>Spiraea Anthony Waterer</i> , 12 to 18 ins.	.40
1160 <i>Spiraea Froebeli</i> , 2 to 3 ft.	.30
1160 <i>Spiraea Froebeli</i> , 18 to 24 ins.	.30
33 <i>Spiraea Prunifolia</i> , 12 to 18 ins.	.30
25 <i>Spiraea Vanhouttei</i> , 12 to 18 ins.	.25
20 <i>Stephanandra Flexuosa</i> , 2 to 3 ft.	.35
126 <i>Stephanandra Flexuosa</i> , 18 to 24 ins.	.25
69 <i>Stephanandra Flexuosa</i> , 12 to 18 ins.	.20
297 <i>Symphoricarpos Chenaulti</i> , 3 to 4 ft.	.40
1393 <i>Symphoricarpos Chenaulti</i> , 2 to 3 ft.	.50
235 <i>Symphoricarpos Chenaulti</i> , 18 to 24 ins.	.25
500 <i>Symphoricarpos Chenaulti</i> , 12 to 18 ins.	.20
30 <i>Symphoricarpos Racemosus</i> , 2 to 3 ft.	.40
32 <i>Symphoricarpos Racemosus</i> , 12 to 18 ins.	.30
90 <i>Symphoricarpos Vulgaris</i> , 3 to 4 ft.	.40
170 <i>Symphoricarpos Vulgaris</i> , 2 to 3 ft.	.30
130 <i>Symphoricarpos Vulgaris</i> , 18 to 24 ins.	.25
50 <i>Symphoricarpos Vulgaris</i> , 12 to 18 ins.	.20
56 <i>Tamarix Amurensis</i> , 2 to 3 ft.	.30
59 <i>Tamarix Amurensis</i> , 18 to 24 ins.	.25
65 <i>Tamarix Amurensis</i> , 12 to 18 ins.	.20
4 <i>Viburnum Americanum</i> , 18 to 24 ins.	.35
11 <i>Viburnum Americanum</i> , 12 to 18 ins.	.25
14 <i>Viburnum Dentatum</i> , 2 to 3 ft.	.40
30 <i>Viburnum Dentatum</i> , 18 to 24 ins.	.35
23 <i>Viburnum Dentatum</i> , 12 to 18 ins.	.30
65 <i>Viburnum Opulus</i> , 18 to 24 ins.	.40
604 <i>Viburnum Opulus</i> , 12 to 18 ins.	.30
708 <i>Viburnum Opulus</i> , 9 to 12 ins.	.25
13 <i>Viburnum Tomentosum</i> , 18 to 24 ins.	.45
25 <i>Viburnum Tomentosum</i> , 12 to 18 ins.	.40
4 <i>Weigela Rosea</i> , 2 to 3 ft.	.40
7 <i>Weigela Rosea</i> , 18 to 24 ins.	.35
8 <i>Weigela Rosea</i> , 12 to 18 ins.	.30
13 <i>Wistaria Sinensis</i> , No. 1.	.30
94 <i>Wistaria Sinensis</i> , No. 2.	.25

HYBRID LILACS

	Each
15 <i>Jan Van Tol</i> , single, white, 18 to 24 ins.	\$0.60
40 <i>Jan Van Tol</i> , single, white, 12 to 18 ins.	.50
25 <i>Madame Lemoine</i> , double, white, 2 to 3 ft.	.70
79 <i>Madame Lemoine</i> , double, white, 18 to 24 ins.	.60
150 <i>Madame Lemoine</i> , double, white, 12 to 18 ins.	.50
5 <i>Mont Blanc</i> , single, white, 18 to 24 ins.	.60
5 <i>Mont Blanc</i> , single, white, 12 to 18 ins.	.50
47 <i>Pres. Carnot</i> , double, lilac, 12 to 18 ins.	.50
10 <i>Pres. Grevy</i> , double, blue, 2 to 3 ft.	.70
5 <i>Pres. Grevy</i> , double, blue, 18 to 24 ins.	.60
20 <i>Pres. Grevy</i> , double, blue, 12 to 18 ins.	.50
22 <i>Reaumur</i> , dwarf single, red, 2 to 3 ft.	.70
12 <i>Reaumur</i> , dwarf single, red, 18 to 24 ins.	.60
45 <i>Reaumur</i> , dwarf single, red, 12 to 18 ins.	.50
97 <i>Souv. de Ludwig Spaeth</i> , single, purple, 18 to 24 ins.	.60
32 <i>Souv. de Ludwig Spaeth</i> , single, purple, 12 to 18 ins.	.50
10 <i>Ruhm von Horstenstein</i> , single, dark red, 2 to 3 ft.	.70
10 <i>Ruhm von Horstenstein</i> , single, dark red, 18 to 24 ins.	.60

VANDERBROOK NURSERIES
MANCHESTER, CONN.

Grafted Stock

For Spring, 1952, Delivery

	Per 10	Per 100		Per 10	Per 100
<i>Acer palmatum atropurpureum</i>	\$7.50	\$65.00	<i>Juniperus virginiana schottii</i>	\$5.50	\$45.00
<i>Acer palmatum dissectum atropurpureum</i>	7.50	65.00	<i>Juniperus virginiana pyramidiformis hillii</i>	5.50	45.00
<i>Cornus florida alba plena</i>	5.50	45.00	<i>Juniperus sabina</i> Von Ehron.....	5.50	45.00
<i>Cornus florida rubra</i>	5.50	45.00	<i>Magnolia soulangeana</i>	7.00	60.00
<i>Cornus florida rubra Prosser</i>	7.50	65.00	<i>Magnolia soulangeana nigra</i>	7.00	60.00
<i>Fagus sylvatica riversi</i>	7.50	65.00	<i>Magnolia stellata</i>	7.00	60.00
<i>Ilex opaca femina</i>	5.50	45.00	<i>Magnolia rustica rubra</i>	7.50	65.00
<i>Juniperus chinensis columnaris glauca</i>	5.50	45.00	<i>Thuja occidentalis douglasii spiralis</i>	5.00	40.00
<i>Juniperus chinensis columnaris viridis</i>	5.50	45.00	<i>Thuja occidentalis elegantissima</i>	5.00	40.00
<i>Juniperus chinensis keteleeri</i>	5.50	45.00	<i>Thuja occidentalis lutea Mary Corey</i>	5.00	40.00
<i>Juniperus chinensis neoborionensis</i>	5.50	45.00	<i>Thuja occidentalis lutea Geo. Peabody</i>	5.00	40.00
<i>Juniperus chinensis sargentii</i>	5.05	45.00	<i>Thuja occidentalis nigra</i>	5.00	40.00
<i>Juniperus chinensis sargentii glauca</i>	5.50	45.00	<i>Thuja occidentalis pyramidalis</i>	5.00	40.00
<i>Juniperus squamata meyeri</i>	5.50	45.00	<i>Thuja occidentalis rosenthalii</i>	5.00	40.00
<i>Juniperus virginiana burki</i>	5.50	45.00	<i>Thuja occidentalis wareana (sibirica)</i>	5.00	40.00
<i>Juniperus virginiana canaerti</i>	5.50	45.00	<i>Thuja orientalis aurea nana</i>	5.00	40.00
<i>Juniperus virginiana elegantissima</i>	5.00	45.00	<i>Thuja orientalis conspicua</i>	5.00	40.00
<i>Juniperus virginiana glauca</i>	5.50	45.00	<i>Thuja orientalis elegantissima</i>	5.00	40.00
<i>Juniperus virginiana kostermanii</i>	5.50	45.00	<i>Tsuga canadensis pendula</i>	6.00	50.00

Prices are F.O.B. Mountain View, N. J., packing additional at cost. Usual terms to those of established credit. No goods sent C.O.D. unless 25 per cent of amount is sent with order. All this material is listed subject to prior sale and crop conditions.

HESS' NURSERIES

MOUNTAIN VIEW, N. J.

tion and growth of trees, shrubs and plants is in accordance with the zoning laws. It contends, however, that it is illegal to store and sell substantial quantities of trees, shrubs and plants which are grown elsewhere than on premises of the Winslow Nurseries; it is illegal to store and sell cut Christmas trees and wreaths grown or fabricated elsewhere than on premises; it is illegal to sell seeds, fertilizers, garden tools and accessories and garden ornaments; it is illegal to contract to plant trees, shrubs, plants and lawns for others; it is illegal to maintain trucks and other equipment engaged in the so-called illegal activities; it is illegal to establish parking areas for customers or to construct additional buildings or greenhouses in which to store or sell plants not grown or produced on the premises.

Mr. Snow said the zoning laws specifically permit nurseries. The point that will be decided in court is the definition of a nursery. There is no precedent, and this decision will determine whether the nursery industry will be throttled or allowed to grow like any other industry in the country. After all, no retail nursery can exist if its operations are restricted to the plants it grows on its own premises.

LINING-OUT STOCK

Heavy-rooted cuttings

Well established potted and bed-grown liners.

See our classified ad under Evergreens or write for list.

LEHIGH VALLEY NURSERIES, Inc.

1745 Linden St.
BETHLEHEM, PA.

TAXUS LINERS

Taxus cuspidata,
Spreading Japanese Yew.

8 to 12 inches, twice transplanted.
\$50.00 per 100.

5 per cent discount on orders of \$75.00 or more. Free packing. Cash, please.

BROOKFIELD GARDENS

Rt. 6 DELAWARE, N. J.

HARDY NATIVE EVERGREENS

Collected Stock

Canadian Hemlock, American
Arboretum, Balsam Fir

	Per 100	Per 1000
2 to 4 ins., sdgs....	\$1.00	\$ 5.00
3 to 6 ins., sdgs....	2.00	10.00
6 to 9 ins., sdgs....	3.00	20.00
9 to 12 ins., sdgs....	7.00	45.00
12 to 18 ins., sdgs....	9.00	70.00

All first-quality stock, well rooted and packed in sphagnum moss.

Send for trade list.

Cash, please.

R. M. COLE

Box 37 CHARLOTTE, VT.

CHRISTMAS TREE PLANTING STOCK

Evergreen Liners

See our display ad in the October 1 and 15 American Nurseryman.

Write for Spring Price List.

SUNCREST EVERGREEN NURSERIES
Box 594 JOHNSTOWN, PA.

SHEPARD NURSERIES

Growers and Distributors of

ORNAMENTAL NURSERY STOCK

Truckloads only, no boxing.

60 acres growing. Skaneateles, N. Y.

Prominent N. E. Nurseryman Finds



Sure Way to Increase Profits

**HE USES BOSTITCH STAPLING
MACHINES TO SAVE TIME
AND CUT COSTS ON TWO
FASTENING JOBS.**

**1. HE ASSEMBLES PLANT POTS 5 TIMES
FASTER** with his Bostitch wire-stitching machine than with his former method of fastening with tar. His Bostitch machine is so fast, he can make up all the roofing-paper pots he needs on rainy days . . . keeping his men in the fields on good days. Whatever your fastening jobs, you'll find Bostitch machines that fit your needs and budget.



**2. HE SEALS PLANT POT SHIPPING CAR-
TONS 50% FASTER** with Bostitch Autoclanch staplers than with tape. Both tops and bottoms. This money-saving speed comes from the amazing way Autoclanch staplers clinch staples on the inside entirely from the outside.

LEARN HOW BOSTITCH STAPLING MACHINES CAN CUT YOUR COSTS

It will pay you to look into the complete line of Bostitch stapling hammers, tackers, pliers and other Bostitch stapling machines. Many nurseries are now using them for wrapping, bagging, tagging, labeling, balling, office filing and general utility work. The coupon below will bring you complete information.

MAIL THIS COUPON TODAY

BOSTITCH®

AND FASTER
fastens it better with wire

ALL TYPES OF MACHINES
FOR APPLYING STAPLES
ALL TYPES OF STAPLES
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BOSTITCH, 834 Mechanic Street, Westerly, R. I.

Please rush me information on the Bostitch stapling machines which will help me speed up fastening and cut my costs.

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Western New York Meets

By W. E. Snyder

Opening the annual winter meeting of the Western New York Nurserymen's Association, January 25, at the Sheraton hotel, Rochester, President Robert Auld, Auld's Garden Shop, Kenmore, reported on the year's activities of the western group and of the New York State Nurserymen's Association. In the absence of the secretary, Roger Bagley, the reports of the secretary-treasurer were read by Al Synesael, of Jackson & Perkins Co., Newark, N. Y.

Officers for 1952 include Mr. Auld, re-elected president; Al Synesael and Allyn Hoffman, Hoffman Nursery Co., Elmira, continued as vice-presidents, and William Kelly, Kelly Bros. Nurseries, Inc., Dansville, elected secretary-treasurer. E. B. Stedman, Stedman Nurseries, Newfane, and John Kelly, Kelly Bros. Nurseries, were re-elected directors of the New York State Nurserymen's Association. Robert Auld and Ed Monin, Sheridan Drive Nursery, Kenmore, were continued as alternate directors.

Reports of committees included a brief discussion by Ben Stangler, Land-o-trees, of the summer meeting of the New York State Nurserymen's Association, to be held at Buffalo in August, 1952. Merton L. Congdon, Congdon's Wholesale Nursery Co., North Collins, described the landscaping of the Lawton Grange. This project was sponsored by the nurserymen in conjunction with the 1951 Grange project of homestead and Grange hall improvement.

News from Albany

Following the reports of committees, H. B. Little, director of the bureau of plant industry of New York state, brought news from Albany. Mr. Little commented upon the size of the nursery industry of New York, and, after discussing some of the control problems of nursery crops, stated that the nurseryman's manual was being revised.

Robert Kessler, instructor in ornamentals at the Agricultural and Technical Institute, Alfred University, discussed the training programs at the institute and announced a 1-day course in landscape maintenance to be held at the institute April 28.

Karl Brase, of the New York state agricultural experiment station, at Geneva, gave an interesting and informative discussion of dwarfing in

plants. Special references were made to the effects of the various Malling understocks on apples and of newer work on dwarfing of cherries and pears. Cotoneaster multiflora, used as the understock, resulted in dwarfing of pears; however, the cotoneaster has a poor root system and is not readily transplanted. These objections were overcome by using the cotoneaster as an interpiece.

Dr. William E. Snyder, Cornell

University, discussed some of the aspects of winter hardiness of ornamentals and then reported on some of the recent studies of temperature hardiness of roses, privet and forsythia. It was suggested that nurserymen should be on the lookout for material which is especially winter-hardy to replace the less hardy material now in use and that cultural practices have a marked influence on hardiness.

President Auld then called a temporary halt of the meeting in favor of informal conferences and the luncheon. In behalf of the association, President Auld presented a piece of luggage to Al Synesael as an expression of appreciation for his

SURPLUS UPRIGHT TAXUS

offered as a lot

- 46 *Taxus cuspidata*, upright, 4 to 4½ ft.
- 48 *Taxus cuspidata*, upright, 4½ to 5 ft.
- 13 *Taxus cuspidata*, upright, 5 to 5½ ft.
- 4 *Taxus cuspidata*, upright, 6 ft.
- 14 *Taxus cuspidata*, upright, from cuttings, 6 to 6½ ft.

We have too many of these plants for a small retail nursery. They are very liberally graded, sheared to solid heavy bodies and grown under irrigation for acceptance to the highest-type retail trade.

We are not in the Jap. beetle zone. All soil has been treated for past five years with DDT and Chlordane, and we have no strawberry or vine weevil.

We want to move them this spring. Our price will be right.



S. J. Cook Nursery

U. S. Rt. 20

Sheridan, N. Y.

40 miles east of Erie, Pa., or West of Buffalo.

Please Mention AMERICAN NURSERYMAN When Writing Advertisers.

ILEX BULLATA

One of the new varieties of Jap. Holly in great demand. It has small, shiny, convex leaves. Grows rapidly at first, then slows down. Shears well. It can be used in sun or shade and contrasts well with both broad-leaved and narrow-leaved evergreens. It makes the finest, low, evergreen hedge. Easy to grow, and faster than Yews. Sells on sight.

- 4 to 6 ins., 2-yr., T...\$15.00 per 100
- 6 to 8 ins., 2-yr., T... 20.00 per 100
- 8 to 10 ins., 2-yr., T... 25.00 per 100

AZALEA Hinodegirl, 3 to 6 ins. Per 100 2-yr., T.\$15.00

BALTIC IVY, 2-yr., R. C. 6.00

ENGLISH BOX, 3 to 4 ins., T.... 10.00

AMERICAN BOX, 4 to 6 ins., 10.00

6 to 8 ins., 15.00

ILEX Crenata, 4 to 6 ins., 2-yr., T. 15.00

6 to 8 ins., T. 20.00

PIERIS Japonica, 3 to 6 ins., T... 15.00

Send for list of interesting plants.

ALANWOLD NURSERY

NESHAMINY, Bucks Co., PA.

SPRING DELIVERY

- Each per 100
- 50 *Rhus Cotinus Rubrifolius*, 18 to 24 ins.\$0.85
- 50 *Syringa Microphylla Superba*, 18 to 24 ins.85
- 200 *Pieris Floribunda*, 3-yr., X50
- 25 *Prunus Serr. Kwanzan*, 5 to 8 ft. 4.50
- 25 *Prunus Serr. Kwanzan*, 5 to 6 ft. 3.50
- 15 *Prunus Serr. Pendula*, 2-yr., heavy 5.50
- 40 *Prunus Subhirtella Pendula*, 2-yr., heavy 5.50
- 30 *Pinus Sylvestris Fastigata*, 5 to 6 ft. 12.00
- 1000 *Euonymus Alatus Compactus*, summer cuttings, \$160.00 per 1000.
- 200 *Azalea Ghent Hybrids*, 15 to 18 ins., \$275.00 per 100.
- 50 *Mahonia Aquifolium*, 18 to 24 ins., \$275.00 per 100.
- 500 *Ilex C. Bullata*, 10 to 12 ins., \$80.00 per 100.
- 25 *Malus Eleyl*, 6 to 8 ft., \$375.00 per 100.

Cash with order, please.

BRIMFIELD GARDENS NURSERY

245 Brimfield Rd. Wethersfield, Conn.

LINING-OUT NURSERY STOCK

Spring, 1952



Irish Juniper
8 to 12 ins., XX, 3-yr.



Pieris Floribunda
8 to 12 ins., X, 3-yr.



Juniperus Stricta
6 to 10 ins., X, 2-yr.



Koeleria paniculata
1-yr., sdlg., 3 to 8 ins.

Field bed grown liners, seedlings and transplants, for Spring shipment. State and Federal inspections. Japanese beetle certification upon request.

Terms: Net cash with order and free packing. Otherwise, 1/3 deposit and balance C.O.D., with packing charged for at cost. We do not carry any accounts. 5 per cent discount for orders on lining-out stock called for at nursery and paid when order submitted, with free packing. All shipments travel railway express, shipping charges collect.

	Each per 100		Each per 100		Each per 100
<i>Abelia grandiflora</i> , R.C. (out of sand).....	\$0.10	<i>Juniper</i> , Irish, 8 to 12 ins., X, 2-yr.....	\$0.35	<i>Pinus sylvestris</i> , 3 to 6 ins., 2-yr.....	\$0.03
<i>Althaea syriacus</i> , 10 to 20 ins., 2-yr.....	.05	<i>Juniperus chin. pfitzer</i> , Golden, 4 to 6 ins., X, 1-yr.....	.22	(\$20.00 per 1000; for 5000 or more)	
<i>Azalea mollis</i> , 3 to 6 ins., X, 2-yr., field beds.....	.25	<i>Juniperus chin. pfitzer</i> , Golden, 6 to 8 ins., X, 2-yr.....	.35	12 to 18 ins., 4-yr.....	.06
<i>Azalea mollis</i> , 6 to 9 ins., XX, 3-yr., branched.....	.45	<i>Juniperus chin. pfitzer</i> , Golden, 8 to 12 ins., XX, 3-yr.....	.45	<i>Philadelphus virginialis</i> , 12 to 18 ins., X, 2-yr.....	.18
<i>Azalea schlippenbachii</i> , X, 2-yr., field beds.....	.25	<i>Juniperus glauca hetzi</i> , 12 to 18 ins., XX, 2-yr.....	.35	<i>Philadelphus virginialis</i> , 18 to 24 ins., X, 2-yr.....	.22
<i>Calycanthus floridus</i> , 12 to 18 ins., 2-yr.....	.12	<i>Juniperus horizontalis glauca</i> , 8 to 12 ins., XX, 2-yr.....	.25	<i>Pyracantha lalandi</i> , 6 to 10 ins., X, 2-yr.....	.20
<i>Caragana arborecens</i> , 2-yr.....	.12	<i>Juniperus scopulorum</i> , 6 to 12 ins., 2-yr. sdlg.....	.10	<i>Rhododendron catawbiense</i> , X, 2-yr., field.....	.25
<i>Chamaecyparis lawsoniana</i> , 10 to 15 ins., 3-yr.....	.15	<i>Juniperus stricta</i> , 4 to 6 ins., X, 2-yr.....	.25	<i>Rhus cotinus</i> , 2-yr.....	.10
<i>Chamaecyparis lawsoniana allumi</i> , 6 to 12 ins., X, 2-yr.....	.22	<i>Juniperus stricta</i> , 6 to 10 ins., X, 2-yr.....	.35	<i>Rhus cotinus</i> , 10 to 20 ins., 4-yr.....	.35
<i>Chamaecyparis lawsoniana</i> <i>pendula</i> , 6 to 10 ins., 2-yr.....	.15	<i>Juniperus virginiana</i> , 8 to 12 ins., 2-yr. sdlg.....	.08	<i>Sophora japonica</i> , 8 to 12 ins., 2-yr.....	.12
<i>Chamaecyparis lawsoniana</i> <i>pendula</i> , 10 to 15 ins., 3-yr.....	.22	(1000 rate, 6¢ ea.; 300 at 1000 rate)		<i>Taxodium distichum</i> , 10 to 18 ins., X, 2-yr.....	.18
<i>Cytisus alpinus</i> , 2-yr.....	.10	<i>Kolkwitzia amabilis</i> , 8 to 15 ins., X, 2-yr.....	.22	<i>Taxodium distichum</i> , 18 to 24 ins., X, 2-yr.....	.25
<i>Cytisus scoparius purpureus</i> , X, 3-yr.....	.20	<i>Laburnum vulgare</i> , 10 to 18 ins., 2-yr.....	.18	<i>Taxus cuspidata</i> , 10 to 15 ins., X, 3-yr.....	.35
<i>Euonymus alatus</i> , 4 to 8 ins., 2-yr.....	.18	<i>Larix europaea</i> , 2 to 3 ft., X, 3-yr.....	.35	<i>Thuja occidentalis</i> , 6 to 10 ins., 2-yr. sdlg.....	.07
<i>Euonymus carrierei</i> (Small-leaf type, excellent dwarf hedge or foundation), 6 to 8 ins., X, 2-yr.....	.22	<i>Leucothoe catesbaei</i> , 6 to 10 ins., XX, 3-yr.....	.35	<i>Thuja occidentalis</i> , 12 to 18 ins., X, 3-yr.....	.22
8 to 12 ins., XX, 3-yr. (cutback).....	.32	<i>Leucothoe catesbaei</i> , 10 to 12 ins., XX, 3-yr.....	.45	<i>Thuja occ. douglasii aurea</i> , 3 to 6 ins., X, 2-yr.....	.22
<i>Euonymus coloratus</i> , 6 to 12 ins., X, 2-yr.....	.22	<i>Liquidambar styraciflua</i> , 12 to 24 ins.....	.08	<i>Thuja occ. globosa</i> , 5 to 8 ins., X, 2-yr.....	.25
<i>Euonymus vegetus</i> , 6 to 10 ins., X, 2-yr.....	.25	<i>Picea excelsa</i> , 3 to 6 ins., 2-yr. sdlg.....	.05	<i>Thuja occ. globosa nana</i> , 4 to 6 ins., X, 2-yr.....	.25
<i>Hypericum moserianum</i> , 8 to 12 ins., X, 2-yr.....	.25	<i>Picea excelsa</i> , 5 to 10 ins., 3-yr.....	.10	<i>Thuja occ. pyramidalis</i> , 4 to 8 ins., X, 2-yr.....	.25
<i>Hypericum moserianum</i> , XX, 2-yr.....	.32	<i>Pieris floribunda</i> , 4 to 6 ins., X, 2-yr.....	.22	<i>Thuja orientalis</i> , 6 to 10 ins., 2-yr.....	.07
<i>Ilex crenata bullata</i> , 8 to 10 ins., XX, 2-yr.....	.32	<i>Pieris floribunda</i> , 6 to 8 ins., X, 2-yr.....	.28	<i>Thuja orientalis</i> , 10 to 15 ins., 3-yr.....	.10
<i>Ilex crenata bullata</i> , 10 to 12 ins., XX, 2-yr.....	.45	<i>Pieris floribunda</i> , 8 to 12 ins., X, 3-yr.....	.35	<i>Tsuga canadensis</i> , 6 to 10 ins., X, 3-yr.....	.25
<i>Ilex glabra</i> , 10 to 15 ins., XX, 3-yr.....	.65	<i>Pieris mariana</i> , 10 to 15 ins., X, 3-yr.....	.65	<i>Tsuga canadensis</i> , 10 to 15 ins., XX, 4-yr.....	.35
<i>Ilex rotundifolia</i> , 10 to 12 ins., XX, 2-yr.....	.40	<i>Pinus mughus</i> , 3 to 6 ins., 2-yr.....	.10	<i>Viburnum opulus</i> , 6 to 10 ins., 1-yr.....	.08
<i>Ilex rotundifolia</i> , 12 to 18 ins., XX, 2-yr.....	.65	<i>Pinus nigra</i> , 10 to 18 ins., 3-yr.....	.15	<i>Viburnum opulus</i> , 10 to 18 ins., X, 2-yr.....	.12

We are not open for Sunday business.

Minimum order, \$25.00.
Samples at cost plus packing.

PALLACK BROS. NURSERIES, Inc.

(Located 31 miles north of Pittsburgh, Pa., on U. S. Highway 19, 5 miles north of Zelienople, Pa.)

Phone: Zelienople 476-J21

Mail Address: R. D. 1, Harmony, Pa.



20 MILLION TREES

Per 100 Per 1000
SCOTCH PINE (Riga)
 2-yr., S, 2 to 4 ins. . . . \$ 3.00 \$ 15.00

SPECIAL SCOTCH PINE
 2-yr., S, 3 to 6 ins. . . . 6.00 30.00
 2-yr., S, 4 to 8 ins. . . . 7.00 35.00
 4 to 8 ins. seedlings grown from seeds of our own collection. Parent trees exceptionally healthy, straight stems, holding good green color.

AUSTRIAN PINE
 2-yr., S, 3 to 5 ins. . . . 6.00 30.00

MUGHO PINE, True Dwarf
 2-yr., S, 1 to 2 ins. . . . 5.00 25.00
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CONCOLOR FIR
 Excellent ornamental—one of the best Christmas trees—holds needles best of any short-needle tree. Bluish color.
 2-yr., S, 3 to 7 ins. . . . 12.00 60.00

DOUGLAS FIR, Hardy, best variety.
 2-yr., S, 3 to 6 ins. . . . 7.00 35.00

FRASER FIR
 2-yr., S, 2 to 4 ins. . . . 12.00 60.00

Per 100 Per 1000
COLORADO BLUE SPRUCE
 2-yr., S, 2 to 4 ins. . . . \$ 4.00 \$20.00
 3-yr., S, 5 to 10 ins. . . . 7.00 35.00
 3-yr., S, 6 to 12 ins. . . . 9.00 45.00

NORWAY SPRUCE
 2-yr., S, 2 to 4 ins. . . . 3.20 16.00
 2-yr., S, 4 to 8 ins. . . . 7.00 35.00
Fast-growing. Note size. Grown from seeds of our collection. Parent trees exceptionally healthy, thrifty, fast growing.
 4-yr., S, 8 to 12 ins. . . . 10.00 50.00
 Mostly grafting size.

CANADIAN HEMLOCK
 3-yr., S, 8 to 12 ins. . . . 12.00 60.00

JUNIPERUS VIRGINIANA
 4-yr., T, 8 to 16 ins. . . . 10.00 60.00

RED BARBERRY
 2-yr., S, 10 to 16 ins. . . . 14.00 70.00

NORWAY MAPLE
 4 to 8 ins. . . . 12.00 60.00

Write for complete Catalog.

All Stock grown from select seeds.

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Write for Price List and Planting Guide.

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AMERICAN NURSERYMAN

untiring and diligent effort in the affairs of the association.

Valleau C. Curtis, president of the New York State Nurserymen's Association, spoke briefly to the group.

Employee Relations

The afternoon session included two talks and a panel discussion. "Wages are not all that men work for" was the theme of a talk by Prof. G. W. Lattin, of the school of hotel administration, Cornell University. Professor Lattin expressed the thought that in spite of favorable tangible rewards (wages, hospitalization, retirement, etc.), workers in many fields are not satisfied. There are intangible rewards, he stated, that are essential for favorable working conditions. Among these intangible items stressed were the character and moral code of the business, good leadership, freedom for expression and freedom from the fear of reprisal, a working environment which appeals to the dignity and self-respect of the employee, a sympathetic attitude for the supervisor's point of view, frequent consultation and explanation, steadiness and certainty of employment and recognition of good work.

Prof. G. H. M. Lawrence, director of the Bailey Hortorium, Cornell University, gave an illustrated talk on "What Nurserymen Are Doing in Europe." Professor Lawrence recently spent 18 months in Europe, during which time he visited many nurserymen and studied plant materials in several countries.

A panel discussion, moderated by T. Raymond Rice, a past president of the association, closed the meeting. Serving on the panel with Mr. Rice were Dr. F. L. Gambrell, entomologist at the Geneva experiment station; Dr. D. J. Bushey, extension specialist in landscape design at Cornell, and Maurice Switzer, of Jackson & Perkins Co., Newark, N. Y. Problems concerned with insect control, storage of nursery crops and landscaping were briefly discussed.

LOUIS J. GROUTIL, who for twenty-seven years has been active in the peat moss business, has joined the Premier Peat Moss Corp., New York, as New England director of sales, maintaining an office at 79 Milk street, Boston, Mass., and on Pleasant street, New London, N. H., where his home and poultry farm are located.

J. J. NIGARD, perennial grower, Herbster, Wis., is spending the winter in Florida to relieve his arthritis.

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The Double Profit Plant Food



Rose on left was Ra-Pid-Gro fed.



This dispensing display sells Ra-Pid-Gro for you!

PROFIT NO. 1

USE IT!

Nurserymen who use Ra-Pid-Gro know well that it produces:

1. Healthier stock.
2. More saleable stock.
3. Far fewer replacements.
4. Properly timed blooms.

PROFIT NO. 2

SELL IT!

Nurserymen who sell Ra-Pid-Gro know well that it produces:

1. Satisfied customers.
2. Repeat business.
3. Greater sales volume.
4. Extra profit.

USE RA-PID-GRO — AND SELL IT FOR SATISFIED CUSTOMERS

Imitation is the Sincerest Flattery.

They say money is the root of all evil
and it is sometimes the reason for substitution.

Stock up on Ra-Pid-Gro NOW!

ANALYSIS 23-21-17 **RA·PID·GRO** CORP., DANVILLE, N. Y.

THE MIRACLE LIQUID PLANT FOOD

Canadian Convention

By L. C. Keith

Nurserymen must consider the final consumer or end user of their goods. They must give to the public the product that is wanted and service. This was the idea stressed at the 29th annual convention of the Canadian Association of Nurserymen, held at the Royal York hotel, Toronto, Ont., January 24 and 25. More than 100 nurserymen from all across Canada came to the convention.

T. A. Torgeson, Prairie Nurseries Ltd., Estevan, Sask., was elected president for the coming year. Other officers are: Honorary president, Spencer McConnell, McConnell Nursery, Port Burwell, Ont.; past president, J. A. Aitken, Roschall Nurseries, Brantford, Ont.; first vice-president, J. V. Stensson, Sheridan Nurseries, Sheridan, Ont.; second vice-president, A. B. Luke, Luke Bros., Montreal, Que. Directors elected were W. B. Wellington, Stone & Wellington, Toronto; Norman Scott, Brookdale-Kingsway, Bowmanville; Frank Fidler, Downham Nursery, Strathroy; John Prudhomme Prudhomme & Sons, Ltd., Beamsville, and J. E. Shuttleworth, Little Tree Farm, London, Ont.

Officers' Reports

The annual business meeting of the association was held the first morning and was open to association members only. President J. A. Aitken, in his official address, welcomed the members and urged that they work actively for and with the association.

He reviewed the activities of the year, mentioning particularly the four directors' meetings and the successful fourth short course held in the fall. He concluded his talk by stating that, although nurserymen had been slow to increase the selling price of their plants, it had to be done if they were to keep in business.

The report of the secretary-treasurer, J. R. Burns, showed how the association had worked toward the advancement of all matters pertaining to the development and improvement of the nursery industry and its relations to the user of its products.

He spoke of the importation of balled and burlapped stock and gave figures that showed the export and import picture among three countries, Canada, United States and the

Netherlands. In 10 months in 1951 Canada had imported from United States \$1,174,019 worth of nursery stock and exported \$47,627.

He reported that the membership was the highest in the history of the organization and spoke of the association's embarking upon a public relations program designed to inform consumers about ornamental horticulture in a practical and interesting manner. An experimental release would be going out shortly to a representative group of newspapers in Canada.

A copy of the new insignia was distributed. This is round in shape, with the name of the association circling a maple leaf. Members were brought up to date on the matter of plant patents. With regard to the

breakdown of nursery stock sales as prepared by the Dominion bureau of statistics, Mr. Burns explained the value of having it and hoped that a new questionnaire form would be agreed upon at the meeting.

Committee Reports

Reports from the various committees were heard during the rest of the morning. The research committee, of which Leslie Hancock was chairman, made available to members a list of research workers, whose investigations might be of special help to nurserymen. The short course committee stated that the course had been well patronized and had provided an instructive and pleasant 2-day outing. J. V. Stensson was chairman of the committee.

A suggestion was made in the report of the fair trade practices committee that nurserymen issuing wholesale price lists be made to state in the lists whether they are selling Ontario-grown or European-grown

One-Year Potted Liners

	Per 100	Per 1000
2700 <i>Taxus Adamsi</i> , 2 1/4-in. r. pots.....	\$16.00	\$150.00
5500 <i>Taxus Browni</i> , 2 1/4-in. r. pots.....	16.00	150.00
4700 <i>Taxus Capitata</i> , (C.G.), 2 1/4-in. r. pots.....	18.00	160.00
8500 <i>Taxus Cuspidata</i> , 2 1/4-in. r. pots.....	16.00	150.00
9000 <i>Taxus Hatfieldi</i> , No. 18, 2 1/4-in. r. pots.....	18.00	160.00
3800 <i>Taxus Intermedia</i> , 2 1/4-in. r. pots.....	16.00	150.00
1400 <i>Taxus Thayerae</i> , 2 1/4-in. r. pots.....	16.00	150.00
3500 <i>Taxus Wardi</i> , 2 1/4-in. r. pots.....	18.00	160.00
5000 <i>Juniperus Glaucia</i> Hetzel, 2 1/4-in. r. pots.....	22.50	200.00
7500 <i>Thuja Pyramidalis</i> , 2 1/4-in. r. pots.....	16.00	150.00
1500 <i>Thuja Wintergreen</i> , 2 1/4 r. pots.....	22.50	200.00
1600 <i>Ilex Rotundifolia</i> , 2 1/2-in. r. pots.....	22.50	200.00

Two-Year Potted Liners

2500 <i>Taxus Andersoni</i> , 2 1/4-in. r. pots.....	22.50	200.00
5600 <i>Taxus Cuspidata</i> , 2 1/4-in. r. pots.....	22.50	200.00
1700 <i>Taxus Hicksi</i> , 2 1/4-in. r. pots.....	22.50	200.00

10,000 *Juniper* Grafts, in variety, for Spring, 1952.

Send for a complete trade list on 2, 3, 4 and 5-year field liners, now ready. Beetle certified on request.

HEASLEY'S NURSERIES

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BUTLER, PA.

Cutback collected stock, B&B

	Each
Mountain Laurel, 12 to 18 ins.....	\$1.15
18 to 24 ins.....	1.40
24 to 30 ins.....	1.75
Rhododendron Maximum,	
12 to 18 ins.....	1.25
18 to 24 ins.....	1.65
2 to 5 ft.....	2.00
100 Red Maple (<i>Acer Rubrum</i>),	
well-branched, 1 1/2 to 2-in.	
caliper, 10 to 12 ft., B&B.....	3.00
Highbush Huckleberry (<i>Vaccinium</i>	
<i>Corymbosum</i>), 2 1/2 to 5 ft.,	
large clumps, B&B.....	1.50
White Spruce, 12 to 18 ins., B&B.....	1.15
18 to 24 ins.....	1.50
Scotch Pine, 18 to 24 ins., B&B.....	1.00

Free delivery first 100 miles on orders of \$200.00 or more.

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623 Berwick St. WHITE HAVEN, PA.

EVERGREENS

Northern-grown
Canadian Hemlock, American
Arborvitae, Balsam Fir.

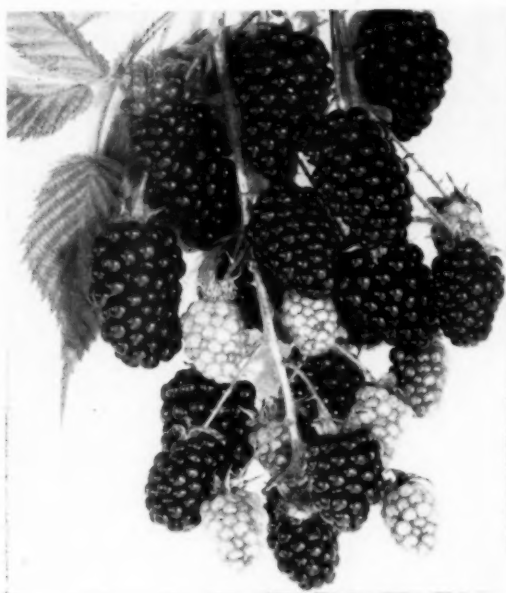
	Per 100	Per 1000
2 to 4 ins., sdgls.....	\$ 1.00	\$ 5.00
4 to 6 ins., sdgls.....	2.00	10.00
6 to 9 ins., sdgls.....	3.00	20.00
9 to 12 ins., sdgls.....	7.00	45.00
12 to 18 ins., sdgls.....	9.00	70.00
18 to 24 ins., sdgls.....	25.00	....

Hedge Grade Canadian
Hemlock, American Arborvitae.
12 to 18 ins..... \$20.00
18 to 24 ins..... 35.00

Freshly collected. Well rooted. Puddled and packed in sphagnum moss. Catalog of plants, ferns, etc., on request.

William Crosby Horsford

CHARLOTTE, VT.



Ebony King

Over 150 acres of certified plant material
in our nursery to fill your orders—
millions of plants from which to choose.

EBONY KING!!

A NEW UPRIGHT BLACKBERRY

NO BLANKS OR STERILE PLANTS



The Ebony King is a new Blackberry that has been under test for the past twelve years and has proven to be a very heavy-producing variety. Berries are exceptionally large, of the Eldorado type. They are very sweet and have the wonderful, sweet blackberry flavor. The berries ripen about a week to ten days earlier than the Eldorado.

Our test block is 100 per cent free of sterility or plants that fail to produce berries. Very thrifty, vigorous-growing bushes that are exceptionally hardy—having withstood the 22-degree below zero temperature last November. The bushes are upright with very strong canes, being able to hold up a heavy crop without breaking down. Potential yield is 8,000 to 10,000 pints per acre.

Per 100 Per 1000
1-yr., No. 1 rooted cuttings.....\$12.00 \$100.00

SMALL FRUITS

These prices cancel all previous lists and are subject to change without notice. 250 or over at 1000 rate. Boxing at cost. All prices F.O.B. Bridgman. Usual terms. All material listed is ready for immediate delivery if desired. Our modern, controlled temperature storage facilities assures you of quality stock during the entire shipping season.

Write for special quotations on quantity lots.

GRAPES

	Per 10	Per 100	Per 1000
Concord. 2-yr., No. 1.....	\$1.45	\$12.00	\$100.00
Concord. 1-yr., No. 1.....	1.20	10.00	80.00
Niagara. 2-yr., No. 1.....	1.65	13.50	110.00
Niagara. 1-yr., No. 1.....	1.35	11.00	90.00
Catawba. 2-yr., No. 1.....	1.65	13.50	110.00
Catawba. 1-yr., No. 1.....	1.35	11.00	90.00
Fredonia. 2-yr., No. 1.....	1.65	13.50	110.00
Fredonia. 1-yr., No. 1.....	1.35	11.00	90.00
Delaware. 2-yr., No. 1.....	2.00	17.00	140.00
Delaware. 1-yr., No. 1.....	1.65	13.50	110.00
Caco. 2-yr., No. 1.....	2.10	18.00	....
Caco. 1-yr., No. 1.....	1.45	12.00	....
Van Buren. 2-yr., No. 1.....	3.60	30.00	250.00
Van Buren. 1-yr., No. 1.....	2.20	18.00	150.00
Portland. 2-yr., No. 1.....	2.00	17.00	140.00
Portland. 1-yr., No. 1.....	1.65	13.50	110.00

CURRENTS

Wildor. 3-yr., heavy.....	1.80	15.00	130.00
Wildor. 2-yr., No. 1.....	1.45	12.00	100.00
Wildor. 1-yr., No. 1.....	1.00	8.00	60.00
Red Lake. 2-yr., No. 1.....	1.95	16.00	140.00
Red Lake. 1-yr., No. 1.....	1.45	12.00	100.00

RED RHUBARB

Canada Red. No. 1 divisions.....	4.80	40.00	350.00
McDonald. No. 1 divisions.....	3.60	30.00	250.00

HORSE-RADISH

Cuttings. 4 to 5 ins.....	.50	3.00	20.00
Whole Roots.....	.75	5.50	45.00

BLUEBERRIES

Prices of Rancocas, Rubel, Jersey

	Each	Per 10	Per 100	Per 1000
2-yr., 9 to 12 ins., bearing age.....	\$0.40	\$3.50	\$32.50	\$300.00
3-yr., 12 to 18 ins., bearing age.....	.55	5.00	47.50	450.00
4-yr., 18 to 24 ins., bearing age.....	.75	7.00	67.50	650.00

GOOSEBERRIES

	Per 10	Per 100
Downing. 2-yr., No. 1.....	\$4.00	\$35.00
Houghton. 2-yr., No. 1.....	3.00	25.00

ASPARAGUS

	Per 100	Per 1000
Paradise and Washington	4.00	30.00
2-yr., heavy.....	2.50	20.00
1-yr., No. 1.....	2.00	15.00

VICTORIA RHUBARB

Whole Roots	Per 100	Per 1000
1½-in. and up.....	\$ 8.00	\$ 75.00
1 to 1½-in.....	5.50	50.00
¾ to 1-in.....	4.00	35.00
½ to ¾-in.....	3.00	25.00

BLACKBERRIES

Eldorado. Transplants.....	7.50	65.00
Eldorado. No. 1, R.C.....	5.50	45.00
Alfred. Transplants.....	7.50	65.00
Alfred. No. 1, R.C.....	5.50	45.00
Early Harvest. Transplants.....	7.50	65.00
Early Harvest. No. 1, R.C.....	5.50	45.00

RED RASPBERRIES

Latham. Transplants.....	9.00	80.00
Latham. 1-yr., No. 1.....	7.50	65.00
Chief. Transplants.....	8.50	75.00
Chief. 1-yr., No. 1.....	7.00	60.00
Sunrise. Transplants.....	8.50	75.00
Sunrise. 1-yr., No. 1.....	7.00	60.00
Indian Summer. Transplants.....	9.50	85.00
Indian Summer. 1-yr., No. 1.....	8.00	70.00
St. Regis. Transplants.....	7.00	60.00
St. Regis. 1-yr., No. 1.....	6.00	50.00

BLACK RASPBERRIES

Cumberland. No. 1, tips.....	5.00	40.00
Logan. No. 1, tips.....	5.00	40.00
Morrison. No. 1, tips.....	5.50	42.50

PURPLE RASPBERRIES

Sodus. Transplants.....	11.00	100.00
Sodus. No. 1, tips.....	6.50	55.50

DEWBERRIES

Lucretia. Transplants.....	7.50	65.00
Lucretia. No. 1, R.C.....	5.00	40.00

STRAWBERRIES

Fresh-dug Strawberry Plants available for immediate shipment.	Per 100	Per 1000
Premier.....	\$1.00	\$10.00
Robinson.....	1.50	10.00
Dunlap.....	1.30	8.00
Arrowhead.....	1.70	12.00
Catskill.....	1.70	12.00
Superfection.....	1.90	14.00
Streamliner.....	1.90	14.00
Gem.....	1.90	14.00

KRIEGER'S WHOLESALE NURSERY

BRIDGMAN, MICHIGAN

Telephone 22

PERENNIAL WANT LIST

Please quote us on the following field-grown perennials. Plants must be No. 1 quality. Advise quantity available and earliest delivery date if order is placed.

Iris Red Douglas	Chrysanthemum Pohatcong
Iris Morocco Rose	Chrysanthemum Astrid
Iris Dwarf Blue	Chrysanthemum Ruth Cummings
Iris Dwarf Red	Dicentra Eximia
Chrysanthemum Chippewa	Dicentra Sweetheart
Chrysanthemum Heatherbloom	Hibiscus Red
Chrysanthemum Red Velvet	Hibiscus Pink
Chrysanthemum Pink Cushion	Hibiscus White
Chrysanthemum Red Cushion	Lily of the Valley (5-eye pips)
Chrysanthemum White Cushion	Veronica Crater Lake Blue
Chrysanthemum Charm Spoon	Achillea The Pearl
Chrysanthemum Rosita	Plumbago Larpentiae
Chrysanthemum My Lady	

Send us a list of your surplus perennials.

We have the following

FIELD-GROWN PERENNIALS FOR SALE

Send for complete list.

PHLOX, \$15.00 per 100

Charles Curtis	Prime Minister
Eva Forrester	Rheinlander
July Glow	R. P. Struthers
Mount Hood	Tigress
Pinkette	World Peace
Polka Dot	

DOUBLE HOLLYHOCKS, \$12.00 per 100

Lilac Beauty	White
Newport Pink	Yellow
Red	

RUSSELL'S LUPINE, \$12.00 per 100.

VINCA MINOR, Bowles Variety, \$20.00 per 100.

Two New English **ASTERS** You Should Have

The Archbishop,	\$0.75 per field clump.
The Sexton,	\$0.75 per field clump.

New England's Largest Wholesale Perennial Growers

VITTNER'S GARDENS
Sta. A. MANCHESTER, CONN.

TAXUS MEDIA HALLORAN

Past winters have proved this variety to be very well adapted for the middle western climate. We have 1, 2 and 3-year liners to offer.

VERKADE'S NURSERIES NEW LONDON, CONN.

HEMLOCK

Rhododendron — Kalmia
Azalea

CURTIS NURSERIES
CALLICOON, N. Y.

LINING-OUT STOCK

Our new Spring, 1952, price list is now ready for distribution. If your name is not on our mailing list, send post card for copy.

THOMAS B. MEEHAN CO., Inc.
DRESHER, PA.

nursery stock. Chairman of the committee was S. C. Wellington.

A resolution that passed unanimously, proposed by the resolutions committee, stated, "Whereas at the present time nurserymen advertising in newspapers or magazines are not required to specify size or age of any nursery stock they are advertising, and whereas it is felt that steps should be taken by the Canadian Association of Nurserymen to protect its customers against misleading advertisements for nursery stock, be it resolved that the Canadian Association of Nurserymen adopt a recommendation that any advertisement in which prices appear in Canadian newspapers or magazines give the sizes in inches or feet (not including the roots) of any specific item of nursery stock that is being advertised for sale. Also, there should be a description that gives the age and grade of the plant being offered for sale, and also that the resolution be placed in the hands of all Canadian publications."

Social Events

Business was mixed with pleasure at the convention. On the first evening was held the president's reception, an informal gathering at which members enjoyed meeting their friends and making new acquaintances.

On the second evening was the annual banquet. With President J. A. Aitken at the head table were Harry Endean, F. W. Wellington, W. Stensson, Dr. Pridham, T. A. Torgeson, Spencer McConnell, William Keenan, H. P. Quadland, R. Burns and Frank Fidler. Speeches were kept at a minimum.

William Haist was in charge of the entertainment and provided professional amusement and a program of music. Miss G. Perron, talented daughter of W. H. Perron, rendered several ballads, both in English and French, that were greatly enjoyed.

For the ladies attending the convention there was a visit to the Canadian Broadcasting Corp. studios to see the Happy Gang on Thursday, followed by a tea at the Granite Club.

The Speakers

Col. Thomas L. Kennedy, Ontario minister of agriculture, opened the general session in the afternoon by an address of welcome to members and guests.

C. Preston Gilbride, Toronto, discussed the merits of group insurance. He pointed out that group insurance gives members of an association the privilege of getting a type of insur-

SPRING BULBS and PLANTS

50 or more of a variety or size at the 100 rate.
250 or more of a variety or size at the 1000 rate.

Increase your "Counter Sales"! Colored pictures of practically all items are available at no charge, and will be supplied on request.

AMARYLLIS

Mead Strain. Giant American Hybrids.
Mixed Colors.

	Per 100	Per 1000
2 1/4 to 2 1/2-in.	\$14.00	\$120.00
2 1/2 to 2 3/4-in.	16.00	150.00
2 3/4 to 3-in.	21.00	200.00
3-inch and up	30.00	290.00

BLETILLA HYACINTHIANA

(Chinese Terrestrial Orchid)

Dainty mauve flowers, resembling miniature orchids, are borne on short stems. Can be grown indoors. An ideal small pot plant. Can also be grown outdoors in rock gardens or borders.

	Per 100	Per 1000
Forcing size	\$15.00	\$125.00
Flowering size	12.50	100.00

TUBEROUS-ROOTED BEGONIAS

Double, Camellia-flowered type. Belgian-grown. Colors available: Crimson, Rose, Scarlet, Orange, White, Salmon, Yellow, Copper, Mixed.

	Per 100	Per 1000
1 1/4 to 1 1/2-in.	\$ 5.50	\$ 50.00
1 1/2 to 2-in.	9.00	85.00
2-in. and up	13.00	125.00

FANCY-LEAVED CALADIUMS

Named varieties or mixed.

	Per 100	Per 1000
3/4 to 1 1/2-in.	\$12.50	\$100.00
1 1/2 to 2 1/2-in.	18.50	170.00
2 1/2 to 3 1/2-in.	27.50	250.00
3 1/2-in. and up	37.50	350.00

CALADIUM ESCULENTUM

	Per 100	Per 1000
5 to 7-in.	\$ 6.00	\$ 50.00
9 to 11-in.	16.00	150.00

CALLAS

	Per 100	Per 1000
Aethiopica. Large White		
1 1/2 to 1 3/4-in.	\$16.00	\$150.00
1 3/4 to 2-in.	21.00	200.00
Alba Maculata. White, Spotted Leaf		
1 3/4 to 2-in.	11.00	100.00
2 to 2 1/2-in.	16.00	150.00
2 1/2 to 3-in.	26.00	250.00
Elliottiana. Yellow, Spotted Leaf		
1 3/4 to 2-in.	11.00	95.00
2 to 2 1/2-in.	17.00	160.00
2 1/2 to 3-in.	30.00	290.00
Rehmanni Superba. Pink		
1 1/4 to 1 1/2-in.	11.00	95.00
1 1/2 to 2-in.	15.00	140.00
2 to 2 1/2-in.	21.00	200.00

GLORIOSA ROTHSCILDIANA

	Per 10	Per 100
Red Climbing Lily.		
4 to 5 ins. long.	\$4.50	\$40.00
5 to 6 ins. long.	6.00	55.00
6 to 7 ins. long.	7.50	70.00

LYCORIS SQUAMIGERA

(Amaryllis Halli)

A truly hardy Amaryllis that has survived Michigan's severe winters without mulching. Foliage disappears in late spring, and the flower spike, bearing umbels of beautiful lavender flowers, literally springs from the ground in midsummer, thus earning the name "Magic Lily." Large 8 to 10-inch bulbs will produce strong flower spikes on a desk, without benefit of soil or water.

	Per 100	Per 1000
5 to 6-in.	\$12.00	\$100.00
6 to 7-in.	15.00	125.00
7 to 8-in.	30.00	250.00
8 to 10-in.	50.00	400.00
L. Alba. White, 6-in.		
L. Aurea. Yellow, 6-in.	15.00	125.00
L. Radiata. Red, 4-in.		

GLOXINIAS

Belgian-grown. Colors available: Red, White, Violet, Red-bordered White, Purple-bordered white.

	Per 100	Per 1000
1 1/4 to 1 1/2-in.	\$ 9.00	\$ 80.00
1 1/2 to 2-in.	16.00	150.00

PEONY COLLECTION

Especially designed for florists, this collection contains varieties which cut and keep well. Collection contains 100 3 to 5-eye divisions, as follows:

- 25 Duchesse d'Orleans. Deep pink. Late.
- 25 Edulis Superba. Bright pink. Early.
- 25 Felix Crousse. Deep red. Midseason.
- 25 Mme. de Verneville. White. Early.

PRICE: \$32.50 per collection.

DAHLIAS

Over 200 varieties available. Submit your want list for special quotations.

Special Mixture. Only large decorative types included. Well balanced for colors.
\$10.00 per 100; \$80.00 per 1000.

GLADIOLUS

Submit your want list for our quotations. All the new and standard varieties available. **Special Mixture.** A truly "RAINBOW MIXTURE" that contains only varieties good for cutting, well assorted as to color. All recommended for counter sales.

	Per 100	Per 1000
No. 1	\$2.50	\$18.00
No. 2	2.00	14.00
No. 3	1.50	10.00

CANNAS

Strong, 3 to 5-eye.

City of Portland. Deep pink, green leaf.
President. Rich red, green foliage.
Red King Humbert. Red, bronze foliage.
Yellow King Humbert. Yellow, green foliage.
Richard Wallace. Yellow, green foliage.
Copper Giant. Large salmon-pink.
Eureka. White, green foliage.

\$5.00 per 100; \$45.00 per 1000.

BLEEDING HEART

(Dicentra Spectabilis)

	Per 10	Per 100
2 to 3 eyes.	\$2.50	\$17.50
3 to 5 eyes.	3.50	25.00
5 to 8 eyes.	4.50	35.00

LILY OF THE VALLEY

Imported Danish pips. Selected forcing grade. Available from cold storage until June.

\$45.00 per case of 500.

EUCHARIS AMAZONICA

Eucharis, or Amazon lily. Pure white fragrant flowers. Fine for corsages, or as a pot plant. Likes shade.

\$3.50 per 10; \$30.00 per 100.

TUBEROSES

	Per 100	Per 1000
Mexican Single.		
2 to 3-in.	\$3.00	\$25.00
3 to 4-in.	4.00	35.00

MISCELLANEOUS BULBS

	Per 100	Per 1000
Acidanthera Murielae.		
(Abyssinian Gladiolus)		
Top size	\$ 6.00	\$50.00
1st size	4.00	30.00
2nd size	3.00	20.00
Anemone de Caen		
Top size	3.50	25.00
1st size	2.50	15.00
Anemone St. Brigid		
Top size	4.00	30.00
1st size	3.00	20.00
Hyacinthus Candicans		
(Summer Hyacinth)		
14 to 16 cm.	5.00	...
16 to 18 cm.	6.00	...
18 to 20 cm.	8.00	...
20 cm. and up	10.00	...
Montbretia, Mixed, Tops	2.50	20.00
Oxalis Deppei, Tops	1.50	10.00
Ranunculus, Mixed, Top size	2.75	17.50
Tigridia (Mexican Shell Flower), Mixed, Tops	5.00	40.00
1st size	4.00	30.00

TERMS: 2% 10 days; 30 days net, if credit is established. Cash with order earns 2% discount. Subject to prior sale. F.O.B. Farmington.

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FARMINGTON, MICHIGAN
PHONE: Farmington 1890

WE OFFER FOR SHIPMENT NOW

Our grading has just been completed. The following stock is in excess of our requirements and is offered for immediate shipment or later, as needed. Regular terms. Send for our complete Wholesale Price List. For prices on Fruit Trees, please send your list for quotations.

Almond, Pink-flowering.	Per 10	Per 100
280 15 to 18 ins.	\$3.00	\$25.00
200 12 to 15 ins.	2.50	20.00

Ailthaea.		
200 Double Red, 2 to 3 ft.	3.50	30.00
280 Double Pink, 2 to 3 ft.	3.50	30.00
435 Double Purple, 2 to 3 ft.	3.50	30.00
280 Double White, 2 to 3 ft.	3.50	30.00

Beauty Bush.		
285 3 to 4 ft.	6.00	50.00
200 18 to 24 ins.	5.00	45.00
75 12 to 18 ins.	3.00	25.00

Calycanthus.		
180 12 to 18 ins.	3.00	25.00

Cotoneaster Divaricata.		
200 18 to 24 ins.	6.00	50.00
100 2 to 3 ft.	7.00	60.00

Standard Apple, 2-yr.	11/16-in. and up	9/16 to 11/16-in.	7/16 to 9/16-in.	5/16 to 7/16-in.
	5 to 6 ft.	4 to 5 ft.	3 to 4 ft.	3 ft.

Cortland	2000	500	200	100
Double Red Delicious	100	500	400	170
Early McIntosh	200	300	...	...
Grimes Golden	30	160	...	...
Jonathan	...	100	...	...
Kendall	65	87	85	...
Lodi	200	130	...	...
Macoun	250	320	...	...
McIntosh Red	200	1000	500	250
Melba	200	200	100	...
Milton	120	100	...	...
Northern Spy	400	400	200	100
Red Astrachan	100	100	...	...
Red Gravenstein	...	190	...	...
Rhode Island Greening	300	100	...	...
Tolman Sweet	100	150	...	...
Yellow Delicious	100	200	...	...
Yellow Transparent	100	100	...	...

Standard Pear, 2-yr.	100	300	...	...
Anjou	200	400	...	...
Bartlett	200	400	...	...
Beurre Bosc	200	300	...	...
Clapp Favorite	300	300	...	...
Duchess	500	200	...	...
Gorham	400	200	...	...
Kieffer	1000	600	...	...
Sheldon	100	200	...	...
Tyson	200	100	...	...

Dwarf Apple, 2-yr.		
Cortland	100	300
Delicious	200	400
Red McIntosh	500	100

Flowering Quince (Cydonia Japonica).

	Per 10	Per 100
200 18 to 24 ins.	\$3.50	\$30.00
65 12 to 18 ins.	2.50	20.00

Forsythia (Intermedia Spectabilis).

200 3 to 4 ft.	3.50	40.00
65 2 to 3 ft.	4.50	35.00
750 18 to 24 ins.	3.50	25.00
275 12 to 18 ins.	2.50	20.00

Golden Chain Tree (Koeleria paniculata).

140 3 to 4 ft.	4.50	40.00
130 2 to 3 ft.	3.50	30.00
65 18 to 24 ins.	3.00	25.00

Indian Currant (Symphoricarpos vulgaris).

675 2 to 3 ft.	3.00	25.00
200 18 to 24 ins.	2.50	20.00

Red Twig Dogwood (Cornus Alba Sibirica).

	Per 10	Per 100
500 4 to 5 ft.	\$5.00	\$45.00
290 3 to 4 ft.	4.50	40.00
50 2 to 3 ft.	3.50	30.00

Spiraea Billiardii.

400 2 to 3 ft.	3.50	35.00
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Sweet Mock Orange (Philadelphus coronarius).

135 3 to 4 ft.	4.50	40.00
500 2 to 3 ft.	4.00	35.00
250 18 to 24 ins.	3.50	25.00

Weigela, Variegated.

200 18 to 24 ins.	4.00	35.00
135 12 to 18 ins.	3.00	25.00

Weigela Rosea.

500 2 to 3 ft.	4.50	35.00
100 18 to 24 ins.	3.50	30.00

Dwarf Pear, Duchess, 2-yr.

	11/16-in. and up	9/16 to 11/16-in.	7/16 to 9/16-in.	5/16 to 7/16-in.
	1000	...	...	...

Plum, 2-yr., on Myrobalan.

Bradshaw	500	200	...	...
Shiro	100	...	...	...

Orange Quince, 2-yr.

	11/16-in. and up	9/16 to 11/16-in.	7/16 to 9/16-in.	5/16 to 7/16-in.
	500	400	300	200

Sweet and Sour Cherry, 2-yr.

Montmorency	500	1000	2000	1000
Napoleon	300	200	500	...
Schmidt's Bigarreau	300	400	...	...
Windor	500	500	...	...
Black Tartarian	300	200	...	...

Peach, 1-yr.

Belle of Georgia	100	50	25	...
Champion	160	...	...	...
Early Elberta (Sullivan's)	...	25	65	...
Elberta	...	125	165	...
G. Jubilee	...	250	25	...
Halehaven	...	80	35	...

KELLY BROS. NURSERIES, Inc.

DANVILLE, N. Y.

ance whereby both employee and employer benefit at wholesale prices. Mr. Gilbride recommended group insurance for an association interested in progress and free enterprise.

Weed Control

On the subject of predefoliation, Dr. A. M. S. Pridham, Cornell University, Ithaca, N. Y., recommended Niagaraarathal as an effective and relatively harmless material to spray on leaves to make them drop early. He stated that, if it is sprayed early in the fall, leaves drop in two days.

Methods of weed control were outlined by Dr. Pridham under the following headings: 1. Preparation of land for planting by either crop rotation, including cover or smother crop, fertilized grass or pasture and by thorough plowing and fitting. 2. Correct row spacing to permit efficient use of equipment for cultivation, hilling and mowing. 3. Special treatment of limited areas by soil sterilants for seedbeds and mulches, one to three years. 4. Contact herbicides applied as confined directional sprays were suggested for control of fall annual weeds and repeated spray in specific crops. The materials suggested were dinitros, pentachlorophenol (P.C.P.), cyanamide, Ammate, Niagaraarathal and Craig No. 1. 5. Special

CORNUS FLORIDA

White-flowering Dogwood

	Each	Each	Each
	25 to 100	100 up	100 up
2 to 3 ft., B.&B.	\$1.25	\$1.00	\$1.00
3 to 4 ft., B.&B.	1.50	1.25	1.00
4 to 5 ft., B.&B.	2.75	2.60	2.50
5 to 6 ft., B.&B.	3.95	3.75	3.50
6 to 8 ft., B.&B.	4.95	4.75	4.50
8 to 10 ft., B.&B.	5.95	5.75	5.50
10 to 12 ft., B.&B.	8.00	...	...
12 to 14 ft., B.&B.	11.00	...	...

Other large specimens available.

All trees dug with a wide, shallow ball. Each tree B.&B. nailed and strung tightly. Careful attention given in digging and burlapping.

Singles (tree form), doubles, triples or more stems available above prices. Please designate types desired of each when you order. All types well branched, 25 per cent or more down. Usual terms. F.O.B. Butler, Ohio, after March 1.

Van R. Wade

WADE & GATTON NURSERY

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North-Eastern Forestry Co., Inc.
A. N. Pierson, Inc.

A complete line of well grown hardy plant material
Evergreens and Lining-out Stock

Old English BOXWOOD

(Wholesale Only)

SELLING OUT. Specimens 20 x 14 ins. and up; also very large specimens. No smaller stock left. Special discounts on carload or truckload orders. Prices on request. Inspection invited.

BOXWOOD GARDENS

Mrs. R. P. Royer High Point, N. C.

ROSA

MULTIFLORA JAPONICA

Seedlings of upright, thorny type for living fences, conservation and understock. Excellent plants.

Per 1000

1 to 2 mm., 8 to 15 ins.	\$15.00
2 to 3 mm., 12 to 18 ins.	30.00
3 to 6 mm., 18 to 24 ins.	35.00
2 to 8 mm., 15 to 30 ins.	35.00
6 to 12 mm., 24 to 36 ins.	55.00

Will be shipped cut back to 6 to 8 inches.

BROOKVILLE NURSERIES

GLEN HEAD, N. Y.

HYDRANGEA P. G.

1-yr. CONCORD GRAPES

Thorne Brewster

WILLOWBEND NURSERY

PERRY, OHIO

MICHIGAN-GROWN NURSERY STOCK

The following material is graded, in storage and ready for immediate shipment.

PEACH TREES

	7/16-inch	9/16-inch	11/16-inch
Champion	50	100	100
Early Elberta	100	100	100
Elberta	200	400	100
Fairhaven	75	150	150
Fertile J. H. Hale	100	300	200
Halehaven	200	300	...
July Elberta	50	100	100
Redhaven	200	200	200
Southaven	...	100	100

LINING-OUT STOCK

	Per 100	Per 1000
2000 Chaenomeles japonica (spr.), 2-yr., S, 12 ins. up.	\$ 8.00	\$ 65.00
1000 Chaenomeles japonica (spr.), 2-yr., S, 6 to 8 ins.	7.50	60.00
300 Cornus alba sibirica, 1-yr., S, 8 to 12 ins.	7.50	60.00
2000 Cornus amomum, 1-yr., S, 12 to 18 ins.	8.00	65.00
2500 Cornus amomum, 1-yr., S, 8 to 12 ins.	7.50	60.00
1500 Cornus amomum, 1-yr., S, 6 to 8 ins.	6.00	50.00
1500 Cornus paniculata, 1-yr., S, 4 to 8 ins.	6.00	50.00
96 Cornus stolonifera, 1-yr., S, 12 to 18 ins.	8.00	...
100 Cornus stolonifera, 1-yr., S, 8 to 12 ins.	7.50	...
200 Cornus stolonifera, 1-yr., S, 4 to 8 ins.	6.00	...
1000 Cotoneaster acutifolia, 1-yr., S, 8 to 12 ins.	8.00	65.00
35 Cotoneaster dielsiana, 2-yr., S, 6 to 10 ins.	7.50	...
120 Cotoneaster dielsiana, 2-yr., S, 12 to 18 ins.	8.50	...
50 Cotoneaster divaricata, 2-yr., S, 4 to 6 ins.	6.00	...
200 Cotoneaster divaricata, 2 1/2-in. pots.	18.00	...
125 Cotoneaster divaricata, 2-yr., S, 6 to 12 ins.	8.00	...
500 Deutzia lemoinei, SWC, X, 8 to 12 ins.	17.50	150.00
200 Deutzia lemoinei, SWC, X, 4 to 8 ins.	15.00	...
300 Deutzia scabra (crenata), HWC, 12 ins. up.	8.00	65.00
400 Deutzia scabra (crenata), HWC, 8 to 12 ins.	7.50	60.00
500 Deutzia scabra (crenata), HWC, 4 to 8 ins.	6.00	50.00
600 Deutzia scabra, Pride of Rochester, HWC, 12 ins. up.	8.00	65.00
150 Deutzia scabra, Pride of Rochester, SWC, X, 12 ins. up.	17.50	...
1500 Euonymus europaeus, 2-yr., S, 4 to 8 ins.	6.00	50.00
500 Hydrangea paniculata grandiflora, SWC, X, 4 to 8 ins.	17.50	150.00
300 Hypericum densiflorum, SWC, X, 8 to 12 ins.	15.00	125.00
200 Hypericum densiflorum, SWC, X, 4 to 8 ins.	13.50	...
300 Philadelphus grandiflora, HWC, 8 to 12 ins.	7.50	60.00
300 Philadelphus grandiflora, HWC, 4 to 8 ins.	6.00	50.00
600 Populus simoni, HWC, 18 to 36 ins.	7.50	60.00
250 Prunus americana, 1-yr., S, 12 ins. up.	8.00	65.00
200 Prunus besseyi, 1-yr., S, 12 to 18 ins.	8.50	70.00
400 Prunus besseyi, 1-yr., S, 8 to 12 ins.	8.00	65.00
200 Prunus besseyi, 1-yr., S, 4 to 8 ins.	6.00	...
100 Rhamnus frangula, 1-yr., S, 10 to 12 ins.	8.00	...
100 Rhamnus frangula, 1-yr., S, 8 to 10 ins.	7.50	...
200 Rhamnus frangula, 2-yr., S, 12 to 18 ins.	8.50	...
175 Rhamnus frangula, 2-yr., S, 8 to 12 ins.	8.00	...
900 Salix babylonica, HWC, 18 to 36 ins.	7.50	60.00
1300 Salix Niobe, HWC, 18 to 36 ins.	7.50	60.00
800 Salix pentandra, HWC, 18 to 36 ins.	7.50	60.00
450 Sambucus canadensis aurea, HWC, 4 to 8 ins.	6.00	50.00
50 Sambucus canadensis aurea, HWC, 8 to 12 ins.	7.50	...
90 Sambucus canadensis laciniata, HWC, 8 to 12 ins.	7.50	...
1000 Spiraea bumalda Anthony Waterer, SWC, X, 4 to 8 ins.	15.00	125.00
300 Symphoricarpos vulgaris, HWC, 12 to 18 ins.	8.00	65.00
200 Symphoricarpos vulgaris, HWC, 6 to 12 ins.	7.50	...

250 at 1000 rate.

SHRUBS

	Per 100
100 Cornus alternifolia, 3 to 4 ft.	\$50.00
200 Cornus alternifolia, 4 to 5 ft.	40.00
150 Cornus alternifolia, 5 to 6 ft.	75.00
100 Cornus amomum, 3 to 4 ft.	50.00
50 Cornus amomum, 4 to 5 ft.	55.00
100 Cornus sanguinea, 2 to 3 ft.	40.00
200 Cornus sanguinea, 3 to 4 ft.	45.00
400 Cornus sanguinea, 4 to 5 ft.	55.00
100 Cornus stolon. flaviramea, 2 to 3 ft.	40.00
200 Cornus stolon. flaviramea, 3 to 4 ft.	45.00
100 Cornus stolon. flaviramea, 4 to 5 ft.	55.00
100 Cotoneaster acutifolia, 2 to 3 ft.	45.00
300 Cotoneaster acutifolia, 3 to 4 ft.	55.00
200 Cotoneaster acutifolia, 4 to 5 ft.	65.00
100 Cotoneaster foveolata, 4 to 5 ft.	65.00
300 Deutzia scabra (crenata), 2 to 3 ft.	35.00
400 Deutzia scabra (crenata), 3 to 4 ft.	45.00
400 Deutzia scabra (crenata), 4 to 5 ft.	55.00
100 Elaeagnus angustifolia, 4 to 5 ft.	45.00
300 Euonymus yedoensis, 2 to 3 ft.	45.00
100 Euonymus yedoensis, 3 to 4 ft.	60.00
300 Hypericum densiflorum, 18 to 24 ins.	35.00
150 Ligustrum vulgare, 4 to 5 ft.	45.00
200 Photinia arbutifolia, 2 to 3 ft.	50.00
400 Physocarpus monogynus, 2 to 3 ft.	35.00
300 Physocarpus monogynus, 3 to 4 ft.	45.00
100 Physocarpus monogynus, 4 to 5 ft.	55.00
150 Physocarpus opuli aureus, 3 to 4 ft.	45.00
50 Physocarpus opuli aureus, 4 to 5 ft.	55.00
200 Prunus americana, 30 to 36 ins.	40.00
1000 Prunus americana, 3 to 4 ft.	50.00
100 Prunus besseyi, 30 to 36 ins.	40.00
100 Prunus besseyi, 3 to 4 ins.	50.00
200 Prunus maritima, 3 to 4 ft.	50.00
50 Prunus maritima, 4 to 5 ft.	60.00
400 Rhamnus tomentosa, 4 to 5 ft.	40.00
150 Rhamnus cathartica, 3 to 4 ft.	50.00
150 Rhamnus cathartica, 4 to 5 ft.	60.00
200 Rhamnus frangula, 4 to 5 ft.	40.00
100 Salix purpurea, 3 to 4 ft.	45.00
100 Salix purpurea, 4 to 5 ft.	55.00
200 Spiraea billiardi, 2 to 3 ft.	35.00
100 Spiraea billiardi, 3 to 4 ft.	45.00
150 Spiraea salicifolia, 24 to 30 ins.	30.00
350 Spiraea salicifolia, 3 to 4 ft.	45.00
300 Spiraea salicifolia, 4 to 5 ft.	55.00
100 Spiraea thunbergii, 18 to 24 ins.	30.00
100 Spiraea thunbergii, 2 to 3 ft.	35.00
400 Symphoricarpos racemosus, 30 to 36 ins.	35.00
75 Symphoricarpos racemosus, 4 to 5 ft.	55.00
100 Symphoricarpos chenaultii, 30 to 36 ins.	35.00
950 Symphoricarpos vulgaris, 30 to 36 ins.	35.00
50 Syringa pekinensis, 3 to 4 ft.	50.00
50 Syringa pekinensis, 4 to 5 ft.	60.00
50 Syringa pekinensis, 5 to 6 ft.	70.00
200 Syringa villosa, 2 to 3 ft.	40.00
100 Syringa villosa, 3 to 4 ft.	50.00
300 Tamarix, 2 to 3 ft.	25.00
800 Tamarix, 3 to 4 ft.	35.00
800 Tamarix, 4 to 5 ft.	45.00
300 Viburnum dentatum, 3 to 4 ft.	50.00
500 Viburnum dentatum, 4 to 5 ft.	60.00
400 Viburnum lentago, 4 to 5 ft.	60.00
300 Viburnum lentago, 5 to 6 ft.	70.00
200 Viburnum op. roseum, 30 to 36 ins.	50.00
100 Viburnum op. roseum, 3 to 4 ft.	60.00

Deduct 2 per cent for cash with order. Usual terms to established firms. Boxing and packing extra at cost.

THE PONTIAC NURSERY COMPANY
Phone: Romeo 3541
ROMEO, MICHIGAN

LINING-OUT STOCK

Two-year Grafts in:

Lilacs in Choice Varieties
(true-to-name)
Purple Beech Riversi
Red Japanese Maple
Wistaria Rosea (pink)

One-year Grafts in:

Lilacs in Choice Varieties
(true-to-name)
Lilac, Firmament
(new Delphinium-blue)
Viburnum Carlesii

Two-year Transplants in:

Taxus Cuspidata (spreading)
Taxus Hatfieldi

One-year Transplants in:

Forsythia Spring Glory (new)
Juniperus Meyeri
Kolkwitzia Amabilis
(Beauty Bush), branched,
12 to 18 ins.

Magnolia Soulangeana
(grown from cuttings)

One-year Seedlings in:

Cornus Florida (white)
12 to 15 ins.

Prunus Maritima, strong,
6 to 9 ins.

SALABLE STOCK

DDT-treated to be shipped outside beetle area.

Taxus Cuspidata (spreading),
15 to 18 ins. and 18 to 24 ins.

Taxus Hatfieldi,
18 to 24 ins.

Ask for Complete List on LINERS and FINISHED STOCK. Your inspection is cordially invited at any time.

See our various ads in the classified section.

C. HOOGENDOORN

Turner Road Newport, R. I.

ENGLISH BOXWOOD

Propagated 55 years ago. Specimens up to 3 1/2 and 4 feet. Perfectly healthy and symmetrically shaped. Inspection by prospective buyers invited.

J. M. DRUMM
MERCERSBURG, PA.

treatment of perennial weeds in long-term plantings was suggested. 6. A dormant basal spray 2,4,5-T, non-volatile, oil-soluble, was mentioned for control of brush and stumps. 7. Geese also have been used as a control of certain weeds in a few nursery field crops.

In summing up, Dr. Pridham stated that nurserymen deal with many crops, usually in small acreages as compared to field crops, and thus many of the advantages of pre-emergence and postemergence chemical weed control are not feasible. Aside from the deciduous plants, both fruit and ornamentals, nursery crops often occupy the same land for several to many years, and grasses and perennial weeds may become established. Chemical control must be done with due regard to possible crop damage.

"Plant America"

"You must promote to keep things going," stated H. P. Quadland, New York, director of public relations of the American Association of Nurserymen, when he was speaking on "Plant America." "Promotion makes us get up and go. It helps us to live better. Without promotion there would be no general motive. What would Christmas be like without promotion? Values must be promoted."

He asserted that nursery stock appeals to four of the five senses and could be promoted from these angles. It appeals through beauty, fragrance, comfort and food. There is value in conservation; it can change the thinking of people. Mr. Quadland continued his talk by mentioning various tangible methods of promotion of "Plant America."

Sessions opened on the second day with the showing of several films entitled "Farm Homes Beautiful," "Prairie Homes," "Protection of Fruit" and "Just Weeds." These films illustrated clearly how attractive homes and farms could be made with few improvements, ingenuity and thought on the landscape picture.

Further digests of informative papers presented at this meeting will appear in a succeeding issue of the American Nurseryman.

ERNEST TOSOVSKY, proprietor of the Home Nursery, Edwardsville, Ill., accompanied by his grower, Mr. Shaeffer, and their wives spent last month visiting in California. They attended the Rose Bowl football game at Pasadena on New Year's day.

SPECIMEN STOCK

- 25 Blue Spruce, 4 to 6 ft.
- 14 Canadian Hemlock, 6 to 10 ft.
- 25 Dwarf Nest Spruce, 2 to 3 ft.
- 20 Retinospora Plumosa Aurea, 2 1/2 to 5 ft.
- 50 Mugho Pine (dwarf), 2 to 4 ft.
- 250 Ellwangeriana Arborvitae, 2 to 2 1/2 ft.
- 500 American Arborvitae, 2 to 3 ft.
- 20 American Arborvitae, 6 to 8 ft.
- 2 American Arborvitae, 20 ft.
- 25 Juniper, Andorra, 2 1/2 to 3 ft.
- 5 Juniper, Elegantissima Lee, 7 to 8 ft.
- 20 Juniper, Burki, 4 to 5 ft.
- 10 Juniper, Glauca, 5 to 7 ft.
- 10 Juniper, Canaerti, 5 to 6 ft.
- 30 Juniper, Pfitzer, 2 1/2 to 3 1/2 ft.
- 5 Juniper, Pfitzer, 4 to 5 ft.
- 250 Juniper Hibernica, 2 to 2 1/2 ft.
- 150 Chinese Chestnut, 2 to 4 ft.
- 20 Arnold and Baccata Crab, 6 to 10-ft. spread.
- 35 Red Dogwood, 3 1/2 to 5 ft.
- 20 White Dogwood, 10 to 12 ft.
- 5 American White Ash, 2 1/2 to 3 1/2 ins.
- 25 Sweet Gum, 2 to 3 1/2 ins.
- 20 White Birch, 2 to 3 1/2 ins., spec.
- 6 Clump River Birch (3 to 5 stems), 16 to 20 ft.
- 20 Clump River Birch (2 stems), 14 to 20 ft.

SHANER'S NURSERY

R. D. I, Rt. 56
New Kensington, Pa.
20 miles north of Pittsburgh
Phone: N. K. 589

LANDSCAPE SIZE SHRUBS

	Per 10	Per 100
Clethra alnifolia.		
18 to 24 ins.	\$3.50	\$30.00
2 to 3 ft.	5.00	40.00
Ilex verticillata.		
2 to 3 ft.	5.00	40.00
3 to 4 ft.	6.00	50.00
Viburnum cassinoides.		
2 to 3 ft.	5.00	40.00
Viburnum dentatum.		
2 to 3 ft.	4.00	30.00
3 to 4 ft.	6.00	50.00

PAPER BIRCH

	Per 100	Per 1000
Betula papyrifera.		
2 to 3 ft.	\$ 8.00	\$ 70.00
3 to 4 ft.	25.00	200.00
4 to 6 ft.	40.00	300.00
6 to 8 ft.	100.00	....

HEMLOCK TRANSPLANTS

We have approximately 10,000 of each grade. These were transplanted in the spring of 1950 and have nice bushy tops and excellent fibrous roots.

	Per 100	Per 1000
Canadian Hemlock, transplants.		
6 to 8 ins.	\$12.00	\$100.00
8 to 12 ins.	20.00	180.00

All the Shrubs and Paper Birch are first-quality collected material. Send for complete list of Hardy Native Ferns, Lilies, Orchids, Wild Flowers, Trees, Shrubs and Evergreens.

ISAAC LANGLEY WILLIAMS

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EXETER, NEW HAMPSHIRE

CHINESE CHESTNUT TREES

Ready for Retailers

Blightproof Ching Chow Strain

SUNNY RIDGE NURSERY
SWARTHMORE, PA.



AT THEIR BEST

2 1/4-in. pots — except where noted. *Bed-grown, shipped bare rooted. All plants are well established. 250 of one variety at 1000 rate.

	Per 100	Per 1000		Per 100	Per 1000
<i>Cedrus Deodora</i> , 8 to 10 ins.	\$20.00	\$175.00	<i>Cotoneaster</i> .		
<i>Chamaecyparis Retinospora</i> .			<i>Francheti</i>	\$17.50	\$150.00
<i>Pisifera Crippsi</i>	20.00	175.00	<i>Salicifolia</i>	17.50	150.00
<i>Pisifera Obtusa Gracilis</i>	20.00	185.00	* <i>Deutzia Gracilis</i> , 4 to 8 ins.	15.00	125.00
* <i>Pisifera Plumosa</i> , 8 to 10 ins.	20.00	175.00	<i>Elaeagnus</i> .		
* <i>Pisifera Plumosa Aurea</i> , 8 to 10 ins.	20.00	175.00	* <i>Fruitlandi</i>	20.00	175.00
<i>Cryptomeria Japonica</i> Lobbi.	40.00		* <i>Pungens</i>	17.50	150.00
<i>Cunninghamia Lanceolata</i> .			<i>Euonymus</i> .		
<i>Glauc</i>	25.00	225.00	* <i>Patens</i>	15.00	125.00
<i>Juniper</i> .			<i>Pulchellus</i>	17.50	150.00
<i>Conferta (Litoralis)</i>	17.50	150.00	<i>Hydrangea Otaska</i> , extra-nice.	17.50	150.00
<i>Pfitzeriana</i>	20.00	185.00	<i>Ilex</i> . This is one of our specialties.		
<i>Sylvestris</i>	20.00	185.00	<i>Cassine Angustifolia</i>	20.00	
<i>Thuja (Arborvitae)</i> .			<i>Cassine Myrtifolia</i>	20.00	
* <i>American Nigra (Compacta)</i> ,			<i>Cornuta Burfordi</i>	20.00	185.00
6 to 8 ins.	22.50	200.00	* <i>Crenata</i>	17.50	150.00
<i>Biota Aurea Nana</i>	25.00	225.00	<i>Crenata Helleri</i>	25.00	
* <i>Elegantissima</i> , 6 to 8 ins.	22.50	200.00	* <i>Crenata Microphylla</i> , 6 to 8 ins.	22.50	200.00
<i>Lutea (George Peabody)</i>	20.00	175.00	* <i>Crenata Rotundifolia</i> , 6 to 8 ins.	20.00	185.00
* <i>Pyramidalis</i> , 6 to 8 ins.	22.50	200.00	<i>Glabra</i>	20.00	185.00
* <i>Woodwardi</i> , 6 to 8 ins.	25.00	225.00	<i>Opaca</i> (cuttings from choice berry		
<i>Taxus</i> .			plants)	30.00	275.00
<i>Baccata Fastigiata</i>	25.00		<i>Opaca East Palatka</i>	30.00	
<i>Cuspidata</i>	17.50	150.00	<i>Vomitoria Pyramidalis</i>	25.00	
<i>Cuspidata Capitata</i>	20.00	175.00	<i>Leucothoe Catesbaei</i> , 6 to 8 ins.	25.00	225.00
<i>Cuspidata Hunnewelliana</i>	20.00	185.00	<i>Ligustrum</i> .		
<i>Cuspidata Intermedia</i>	17.50	150.00	* <i>Lucidum</i> , 6 to 8 ins.	20.00	175.00
<i>Cuspidata No. 17</i>	17.50	150.00	* <i>Nandina Domestica</i> , 4 to 8 ins.	12.50	100.00
<i>Media Brevifolia</i>	20.00	185.00	<i>Osmanthus</i> .		
<i>Media Browni</i>	20.00	185.00	<i>Aquifolium</i>	20.00	185.00
<i>Media Hatfieldi</i>	20.00	185.00	<i>Fortunei</i>	20.00	185.00
<i>Media Hicksi</i>	20.00	175.00	<i>Photinia Serrulata</i>	20.00	185.00
<i>Aucuba</i> .			<i>Prunus Laurocerasus</i> .		
<i>Japonica</i>	17.50		<i>Officinalis (Eng. Laurel)</i>	17.50	
<i>Japonica Gold Dust</i>	17.50		<i>Pyracantha</i> .		
<i>Azalea</i> .			<i>Crenato-Serrata</i> (red berries)	20.00	175.00
<i>Hinodegiri</i>	15.00	125.00	<i>Lalandi</i> (orange berries)	20.00	175.00
<i>Hinomayo</i>	15.00	125.00	<i>Pauciflora</i> (yellowish-red berries)	17.50	150.00
<i>Indica Alba</i>	15.00	125.00	<i>Viburnum Rhytidophyllum</i>	22.50	200.00
<i>Lady Lilac</i>	15.00	125.00			
<i>Poukhanensis</i>	15.00	125.00			
<i>Purple King</i>	15.00	125.00			
<i>Gable—Cameo, Elizabeth, Susan</i>	25.00				
<i>Barberry</i> .					
* <i>Julianae</i> , 6 to 8 ins.	20.00	175.00			



GRESHAM'S NURSERY

DIAL 82-5689—Night Phone 82-5680

R. F. D. 9

RICHMOND 25, VA.

Virginia Meeting

By E. M. Quillen, Secretary

The 21st annual meeting of the Virginia Nurserymen's Association was held at the John Marshall hotel, Richmond, January 27 to 29.

The affair opened at 2 p. m. Sunday with the public invited to inspect the commercial and educational exhibits set up in the lobby of the hotel. About 1,000 persons saw the exhibits.

At 6 p. m. a cocktail hour was attended by about 100. Featured was an oyster bar, with thousands of oysters furnished by the Tankard Nurseries, Samuel Tankard being president of the association. At 7 p. m. there was a steak dinner, with delightful music which lasted until late in the evening.

Election of Officers

Election of officers was held during the meeting, with the following results: President, J. R. Richardson, Roanoke; vice-president, W. L. Winn, Portsmouth; secretary-treasurer, Kenneth MacDonald, Hampton. Samuel Tankard was elected chairman, executive committee, and George Stockner, Richmond; M. S. McKinney, Roanoke, and Charles H. Kennedy, Nokesville, were elected executive committee members.

The first business session was held promptly at 9:30 a. m. Monday, with the invocation by Prof. A. G. Smith, Jr., Virginia Polytechnic Institute, after which exhibitors and guests were introduced by President Tankard. A film, "Modern Controlled Irrigation," was shown by Chester Olson, through the courtesy of W. R. Ames Co., of Florida. The various committees then reported, and a business discussion followed.

After luncheon, slides were shown of Colonial Williamsburg gardens, which were most beautiful. James S. Wells, manager, Koster Nursery, Bridgeton, N. J., gave a talk on "Modern Propagation Methods," which was most informative. E. M. Quillen, secretary-treasurer, Waynesboro, Va., then gave his report to the association.

After the past presidents' banquet, attended by about 150, President Tankard introduced toastmaster Bert Shoosmith, who in turn introduced all past presidents and guests of honor. C. R. Willey, assistant Virginia state entomologist, was presented with a certificate as "man of the year" of the Virginia nurserymen. Mr. Willey's efforts on behalf of the

nurserymen were thus recognized. Vice-president James Richardson was then called upon to introduce Warren R. Foster, of the Coca-Cola Co., Atlanta, Ga., who gave his interpretation of coach Bob Fumble, Cywash College. The talk kept everyone laughing. The floor was then cleared of tables, more beautiful music was furnished by Danny Dean's orchestra and dancing continued until the small hours of the morning.

Second Day

At 9 a. m. Tuesday, business started with election of delegates to the convention of the American Association of Nurserymen and election of Bert Shoosmith as secretary of the local A. A. N. chapter.

During the business session it was

decided that the Virginia association would meet next summer with the North Carolina association at Chapel Hill, N. C., rather than holding a separate Virginia meeting.

The ladies' program followed the regular program closely with the addition of a luncheon and fashion show at Miller & Rhoads department store.

Exhibits

The exhibitors were as follows:

Tankard Nurseries, Exmore, Va., displayed azaleas, Berberis julianae, nandina, Hetz juniper and spiraea. Watkins Nurseries, Midlothian, Va., set up a small garden consisting of old English boxwood, Chinese holly, Hinodegiri azaleas and kalanchoes. Colonial Farms, Inc., had a large variety of broad-leaved evergreens in pots tagged with names as an educational device. It had two large camellias which exhibited a few beautiful blooms during the meeting.

The United States Department of Agriculture had several exhibits.

HARDY ENGLISH WALNUTS

New York State Grown

	Each
2 to 3 ft.....	\$0.90
18 to 24 ins. ....	.70

Also, a general list of nursery stock.

MAXWELL, BOWDEN and RICE, Inc.

Wholesale Nursery

GENEVA, N. Y.

NO-DRI PROTECTIVE WAX EMULSION

Spray, paint or dip transplanted trees and shrubs to reduce loss of moisture and winter wind burn.

55-gal. drum....\$63.25 5-gal. drum.....\$7.00

30-gal. drum....\$36.00 1-gal. can 3.00

RABBIT REPELLENT

Protect young nursery stock. Nonpoisonous. Applied by spraying or painting.

30-gal. drum....\$63.00 5-gal. drum....\$11.50

1-gal. can.....\$3.00

BORER REPELLENT

Dogwood and many other ornamental trees should be protected from borer damage. Nonpoisonous. Simply brush it on as directed.

30-gal. drum....\$63.00 5-gal. drum....\$11.25

1-gal. can....\$3.00

C. P. O. INSECTICIDE SOAP SPREADER

Used extensively for twenty years to control scale insects, red spiders, lace bugs, aphids on ornamental nursery stock. Safe for summer use.

55-gal. drum....\$77.00 5-gal. drum.....\$9.25

30-gal. drum....\$45.00 1-gal. can 3.25

All prices F.O.B. Philadelphia, Pa.

CRYSTAL SOAP & CHEM. CO., Inc.

6300 State Road, Philadelphia 35, Pa., Dept. AN.

HOBBS

Spring, 1952

Thurlow Weeping Willow, Lombardy Poplar, Silver Maple, Norway Maple and B.D.F. Crab.

Apple, 2-yr.; Pear, 2-yr.; Montmorency Cherry, 2-yr., all grades.

Montmorency, 1-yr. 900 5/16-in. and 500 18 to 24 ins.

Evergreens and Shrubs.

Oldest Nursery in Indiana.

Established 1875.

C. M. HOBBS & SONS, Inc.

BRIDGEPORT, IND.

Virginia Polytechnic Institute had on exhibit various landscape drawings by students along with sketches of the landscaping at V. P. I.

T. W. Wood & Sons, seedsmen, had many commercial products on display. LeMac Nurseries, Hampton, Va., had a garden arrangement using azaleas of several varieties and colors, in full bloom, with Ligustrum lucidum for background. Agrico had a display showing its products along with John B. Bean Co., Garden Supply Sales Corp. and Premier Peat Moss Corp.

Gresham's Nursery, Richmond, had an attractive selection of lining-out stock. Southside Nurseries, Richmond, had a garden showing yews, Pfizer junipers and Burford holly.

OBITUARY

Mrs. A. G. Hirschi

Mrs. Adelaide Hirschi, wife of A. G. Hirschi, Oklahoma City nurseryman, died January 16. Born at Appleton City, Mo., April 6, 1880, Mrs. Hirschi moved to Oklahoma City when married in 1906. An accomplished musician, she was prominent in musical circles there.

Their only son, Harold S. Hirschi, died while a prisoner of the Japanese in the Philippines in 1943. She is survived by her husband, two nieces and a nephew.

Mr. Hirschi, an Oklahoma City nurseryman since 1906, was awarded the silver bowl as Oklahoma nurseryman of the year by the Oklahoma State Nurseryman's Association in January.

B. H. P.

MEETING CALENDAR

February 19 to 21, nursery conference, Pennsylvania State College, State College.

February 20, Rhode Island Nurserymen's Association, Johnson's Hummocks grill, Providence.

February 26, annual school for nurserymen, Lake county, Ohio.

March 5, spring meeting, Western Pennsylvania Nurserymen's Association, Webster Hall, Pittsburgh, Pa.

March 12, short course for nurserymen and tree experts, University of Vermont, Burlington. Evening of March 12, Vermont Shade Tree Association annual meeting, exact time and place to be announced.

March 20 to 22, American Camellia Society, Cavalier hotel, Virginia Beach, Va.

March 28 and 29, Southern Shade Tree Conference, Hotel John Marshall, Richmond, Va.

April 2 and 3, 11th annual short course on roadside development, Ohio State University, Columbus, O.

June 12 to 14, South Carolina Association of Nurserymen, Clemson house, Clemson College, S. C.

LINING-OUT STOCK SPRING

Write for our illustrated list.

	Per 100	Per 1000
Colorado Blue Spruce, 2-2, 6 to 9 ins.	\$16.00	\$150.00
Colorado Blue Spruce, 2-2, 4 to 6 ins.	10.00	80.00
Black Hills Spruce, 3-2, 6 to 9 ins.	15.00	140.00
Black Hills Spruce, 3-2, 4 to 6 ins.	8.50	75.00
White Spruce, 3-2, 4 to 8 ins.	6.00	45.00
Mugho Pine, 2-2, bed run	10.00	80.00
White Pine, 2-2, 3 to 8 ins.	10.00	85.00
Ponderosa Pine, 3-0, 6 to 12 ins.	8.50	65.00
Norway Pine, 2-0, bed run	5.00	30.00
Banks Pine, 2-0, bed run	4.00	20.00
American Arborvitae, 2-2, 4 to 8 ins.	6.00	40.00
American Arborvitae, 2-0, 2 to 6 ins.	4.00	20.00
Douglas Fir (taxifolia glauca), 2-2, 6 to 10 ins.	9.00	75.00
Douglas Fir (taxifolia glauca), 2-0, 2 to 6 ins.	4.00	25.00
Douglas Fir (Snowy Mountain variety), 3-0, 3 to 6 ins.	6.00	35.00

Most compact of Douglas Firs.

RIGA SCOTCH PINE SEEDLINGS

All remaining stock is Riga Scotch Pine

	Per 100	Per 1000
Scotch Pine, 2-0, 3 to 8 ins.	\$5.00	\$30.00
2500 or more, \$28.00 per 1000.		
Scotch Pine, 2-0, 1 to 3 ins.	3.50	15.00
5000 or more, \$14.00 per 1000.		
25,000 or more, \$12.50 per 1000.		

Free samples on request.

TERMS: Cash with order, or 25 per cent deposit for Spring shipment. 25 at 100 rate; 250 at 1000 rate. Not less than 50 of any seedlings. Minimum order, \$10.00.

MATTHEWS NURSERY

Telephone: 123 or 732

HARBOR SPRINGS, MICH.

ORNAMENTALS

TREES SHRUBS EVERGREENS

Wholesale growers of a general assortment for the best landscape plantings.

BRYANT'S NURSERIES

Princeton, Illinois



Wholesale growers of the best

Ornamental Evergreens
Deciduous Trees
Shrubs and Roses

Write for our current trade list.

THE KALLAY BROTHERS CO.
Painesville, Ohio

LAKE'S

SHENANDOAH NURSERIES

Shenandoah, Iowa

Wholesale growers of
a fine assortment of

GENERAL NURSERY STOCK

Your inquiries will be appreciated.

AMERICA'S BEST SOURCE

FOR

HARDY PLANTS

WRITE FOR
TRADE LIST

MENTOR,
OHIO

Wayside Gardens



WASHINGTON HAWTHORN

- good fall color
- red berries all winter
- free from disease
- plenty of roots
- fine for budding

Washington Hawthorn.
Bundle of 50 6 to 9-in.
seedlings shown
above.

	Per 100	Per 1000
6 to 9 ins.....	\$ 7.50	\$65.00
3 to 6 ins.....	5.00	40.00
Kolkwitzia amabilis.		
6 to 9 ins.....	10.00	85.00
3 to 6 ins.....	6.00	50.00
Tilia cordata.		
6 to 12 ins.....	10.00	90.00
3 to 6 ins.....	6.50	55.00
Exochorda grandiflora.		
6 to 12 ins.....	7.50	65.00
Aronia arbutifolia.		
3 to 6 ins.....	5.00	....
Boston Ivy.		
1-year sdlg.....	5.00	....
Ilex verticillata.		
3 to 6 ins.....	5.00	....
Juniperus virginiana.		
Tr.....	10.00	75.00

FLOWERING MALUS GRAFTS

- 1-year, field-grown, \$30.00 per 100.
Dolgo. White flowers; large, bright red fruit.
Scheidecker. Double pink flowers; small yellow fruit.
Eley. Single red flowers; large, bright red fruit.

NEWPORT NURSERY CO.
NEWPORT, MICHIGAN

KENTUCKY MEETING

[Continued from page 13.]

nursery inspector and deputy state entomologist in Kentucky. Successful eradication programs against small infestations of Japanese beetles in Kentucky have been carried out since 1937, when seven beetles were found in Jefferson county. Repeated inspections for white-fringed beetles have been made, in cooperation with the federal bureau of entomology and plant quarantine, but no beetles have been found in Kentucky.

The European chafer is another of the soil-infesting and root-feeding insects. It now is established in a small area of New York state. Nurserymen are concerned with this pest, since it can be spread by plants with soil about the roots.

Mind Your Own Business

An interesting and thought-provoking address was given by Emmett Milward, W. R. Milward Co., Lexington. The company is the oldest business now operating at Lexington. The title of Mr. Milward's address was "Mind Your Own Business," and he proceeded to point out several ways and means by which we could do a better job of minding our businesses. In speaking of the problems of management, Mr. Milward mentioned the fact that we were competing with government in securing labor, especially in the field of stenographic and domestic help. Labor unions are growing and getting more powerful. How many of our businesses could still operate profitably if we were completely unionized?

Our personnel problems are increasing. Carelessness is all too prevalent in management. How many of us dictate letters and never check them after they are typed? There are thousands of letters going to the dead-letter office each year because of careless addressing. There is carelessness in government, too much spending in government. When more money is spent than is taken in, that is not good business.

Mr. Milward then made several suggestions by which we could overcome some of the above conditions and problems. We must think in terms of being a genuine friend of our employees. We must strive to give our employees a feeling of security. Plans of retirement income, group insurance and hospitalization insurance will help toward this feeling of security. We should try to instill the habit of courtesy in ourselves as well as in our employees. Recognition of good work and loyal-

NEW! VIBURNUM CHENAULTI

Another evergreen hybrid of *Viburnum carlesii*.

More compact in growth than *Viburnum burkwoodii*.

Flowers identical to *Viburnum carlesii*.

Liners 6 to 9 inches in plant bands.

Per 10	Per 100	Per 1000
\$5.00	\$35.00	\$325.00

F.O.B. Dayton, Ohio. Cash with order earns free packing.

Packing at cost.

THE SIEBENTHALER COMPANY
CATALPA DRIVE DAYTON 5, OHIO

DO YOU NEED . . .

Flowering Shrubs
Shade Trees
Evergreens
Lining-out stock
Phlox or Peonies
Apples or Plums
Perennials

If so, please write for copy of our new wholesale price list.

SHERMAN NURSERY CO.
CHARLES CITY, IOWA

ROSA MULTIFLORA JAPONICA

Conservation Grade for
Immediate or Spring Delivery.

8 to 12 inches, \$16.00 per 1000.

Also a good supply of *Lespedeza* Bicolor seedlings, 24 to 36 inches, \$40.00 per 1000. For conservation or ornamental work.

FARM LANDSCAPE CO.
Box 230 URBANA, ILL.

SPECIMEN
LANDSCAPE MATERIALS
Our Specialty

TAXUS

Sorry, Sold out this spring.

Visit our nurseries and see
our stock for fall.

W. A. NATORP CO.
CINCINNATI 29, OHIO

WELLER'S PERENNIALS

With That Wonderful Root System

Headquarters for

HARDY MUMS AND PHLOX.

Ask for our Perennial Catalog.

WELLER NURSERIES CO., Inc.

Leading Perennial Growers

HOLLAND, MICH.

ty is the easiest and most beneficial act we can perform toward our employees. Advertising, of the proper kind, has always paid dividends. There is no other way to keep up or increase our volume of business.

New Chemicals

New chemicals for the nursery industry were discussed by R. A. Brian, of the Dow Chemical Co. Mr. Brian first outlined the steps through which a new chemical must pass before it reaches the market, concentrating principally on chemicals for soil fumigation. He discussed the Dowfume MC-2 for weed seed control as well as soil insect control. This liquid becomes a gas when released and must be applied under airtight conditions. The chemical is methyl bromide with 2 per cent chloropicrin. The soil must be fairly moist and well pulverized, and the soil temperature should be from 60 to 80 degrees for best results.

The other soil fumigant discussed by Mr. Brian was ethylene dibromide (Dowfume M40 or 80). This material is used in the production of field and vegetable crops in areas infested with nematodes. As with MC-2, the soil must be well pulverized and moist in order to get best control. By applying ethylene dibromide in the row a few days before the seeds are planted, sufficient control of nematodes is possible to make crop production practical on land which otherwise would be unprofitable.

Social Events

At 5:30 p. m. a cocktail party was given by the Hillenmeyers in the Green room. After dinner in the Red room, Senator Alvin Kidwell, an active nurseryman, a past president and past secretary of K. N. A., was called on for some extemporaneous remarks. The featured after-dinner speaker was Charles K. O'Connell, Kentucky secretary of state, who kept the 73 dinner guests in an uproar of laughter for half an hour with his funny stories.

Past President Dan Gardiner has made a large and excellent collection of color slides of nursery meetings and parties over the years. He showed these after the banquet, with appropriate comments.

At the morning session, January 23, Dan Gardiner reported on the A. A. N. convention at New Orleans.

Lyman Everly, a certified public accountant with experience in nurserymen's accounts, gave an informative talk on the importance of accounting in business. He broke down the accounts into real accounts

CHINESE HIBISCUS, OWN-ROOT

	Per 100	Per 10
Peachblow, semidouble, flesh-pink, 2 1/4-in.	\$20.00	\$ 2.50
Weddingi, single, red, 2 1/4-in.	20.00	2.50
Golden Dawn, single, yellow, 2 1/4-in.	20.00	2.50
Texas Star (Pink Beauty), 2 1/4-in.	20.00	2.50
Min. Semiplenus, double, red, 2 1/4-in.	20.00	2.50
Subviolaceus (American Beauty), semidouble, deep pink, 2 1/4-in.	20.00	2.50
Aurantiacus, double, orange, 2 1/4-in.	20.00	2.50
White Wings, single, white, 2 1/4-in.	20.00	2.50
Kona, semidouble, pink, 2 1/4-in.	20.00	2.50
Cooperi (Tricolor), variegated foliage, 2 1/4-in.	20.00	2.50
Luna, large single flower, red, 2 1/4-in.	20.00	2.50
San Diego, large single, rich scarlet, 2 1/4-in.	20.00	2.50
Agnes Gault, orange, 2 1/4-in.	20.00	2.50
California Gold, double, yellow, 2 1/4-in.	50.00	6.00
Red Monarch, double, 2 1/4-in.	50.00	6.00
Anderson's Double Red, 2 1/4-in.	50.00	6.00
Anderson's Fanny Peck, semidouble, cerise, 2 1/4-in.	50.00	6.00
Mandalay, ruffled edge, reddish-orange, 2 1/4-in.	50.00	6.00
Mrs. Fred Anderson, single, yellow, 2 1/4-in.		15.00
Nan Patterson, single, lemon-yellow, 2 1/4-in.		15.00
Tong's Golden, single, golden, 2 1/4-in.		20.00
Anderson's Old Gold, single, burnt orange, 2 1/4-in.		20.00
Matensis (Silver Queen), variegated foliage, 2 1/4-in.		20.00

The purchase of 25 of a variety earns 100 rate. Not less than 5 of a variety sold at 10 rate.

R. H. MURPHEY'S SONS CO.

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CASH-AND-CARRY

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Apples, all 3/4-inch.

Pears and Plums, both 1-inch and 3/4-inch.

CLUMP BIRCH

There is always a good demand for fine Clump Birch. Two-stem can be supplied in 5 to 6 ft. and 6 to 7 ft. Three-stem in 6 to 7 ft. only. These are nursery grown (Pacific Coast) and not collected trees.

CHINESE ELM

The demand for fast-growing trees is always good. The Chinese Elm, having been so widely advertised, is selling well. Our trees have been transplanted and are fine straight trees with ample roots. Available in 5 to 6 ft., 6 to 8 ft. and 8 to 10-ft. grades.

Our usual fine stock of roses, shrubs, trees, evergreens, etc., available. Quotations gladly furnished or write for wholesale price list.

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COMPLETE ASSORTMENT OF

Evergreens, Fruit Trees, Shade
Trees, Roses and Lining-out Stock.

Write for complete list.

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VIBURNUM BURKWOODI

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	Per 10	Per 100	Per 1000
6 to 9 ins. in plant bands	\$3.00	\$25.00	\$225.00

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CATALPA DRIVE DAYTON 5, OHIO



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Write for Price List.

Box 457, LAKE CITY, MINN.

and nominal accounts. The real accounts are the assets and liabilities, while the nominal accounts are income and expenses.

Mr. Everly said that the volume and detail of record keeping is now largely determined by government regulations.

T. C. Crume reported on the activities of the juniper grafting committee. At a meeting held at Roxy Arterburn's nursery, to exchange views and information on juniper grafting, the following facts were recorded: The best understocks are *Juniperus virginiana*. Most growers are now using fuel oil for heating their greenhouses in order to get more uniform heat. There were some losses reported from frozen scion wood last winter. There are more juniper grafts made in Kentucky than in any other state.

Future Plans

At the business meeting, the usual committee reports and resolutions were heard and acted upon. The winter meeting in 1953 is to be held at Louisville; hotel arrangements are to be made later, and the tentative dates are January 30 and 31, 1953. The summer outing was tentatively set up as a progressive affair. The members will gather at Spruce Hill, home of Howard G. Tilson, on the morning of June 24, with a picnic lunch on the lawn. In the afternoon they will go three miles to Boonesboro beach on the Kentucky river for a swim, and back one mile to Allman's, a famous steak house, for dinner. They will spend the night at Springs motel, outside Lexington, and go to Natural Bridge Kentucky state park, 50 miles east of Lexington, June 25 to spend most of the day.

Committees were appointed by President Hillenmeyer following his address on opening day. They were:

Auditing: A. D. Reynolds, Reynolds Nursery, Bondville, chairman; Roxy Arterburn, Paul Arterburn Nursery, St. Matthews; Clinton Korfhage, Korfhage Florist & Nursery, Shively.

Nominating: J. W. Fike, Fike Nurseries,

Minnesota Grown

**FLOWERING CRABS
ORNAMENTAL TREES
and SHRUBS**

Fruit Trees and Berries
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Complete Selection
of Fine Roses
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Per 1000

6 to 9 ins.....	\$60.00
4 to 6 ins.....	42.50
2 to 4 ins.....	25.00

Write for prices on quantities
of 10,000 or more.

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PHLOX

American Beauty

New, deep rose-pink.

\$12.00 per 100.

Complete List upon Request.

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If better seedlings can be grown, we
will grow them.

American Arborvitae, Per 100 Per 1000	
4 to 8 ins.....	\$3.50 \$30.00
2 to 4 ins.....	3.00 22.50
Black Hills Spruce,	
2 to 4 ins.....	3.00 25.00
Colorado Blue Spruce,	
2 to 4 ins.....	3.00 25.00
Norway Spruce, 2 to 4 ins.....	2.50 22.50
Scotch Pine, 3 to 6 ins.....	3.00 25.00
Scotch Pine, 2 to 3 ins.....	2.00 18.00
Douglas Fir, 4 to 6 ins.....	4.00 35.00
Douglas Fir, 2 to 4 ins.....	2.50 22.50
Concolor Fir, 2 to 4 ins.....	4.00 35.00
Platte River Red Cedar,	
4 to 8 ins.....	3.00 25.00
Platte River Red Cedar,	
no blight, 1-yr., 3 to 4 ins.,	
average 3 1/2 ins.....	2.00 15.00
Wisconsin Red Cedar,	
blight-resistant,	
1-yr., 3 to 4 ins.....	2.00 18.00

TRANSPLANTS

Per 100

Balsam Fir, 4-yr., 4 to 6 ins.....	\$12.00
American Larch, 12 to 18 ins.....	10.00
2 to 3 ft.....	15.00

Write for prices on 10,000 or more.
Our past record is our guarantee.

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Philadelphus Minnesota Snowflake
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MAGNOLIAS, EVERGREENS and FLOWERING SHRUBS

Available Stock in Storage for Immediate Shipment. All 2 and 3-yr. field-grown stock

	Each		Rate each—	Per	Per		Rate each—	Per	Per
				10	100			10	100
Arbortitae, Berckmans.						Privet, Regel.			
200 24 to 30 ins. B&B.	\$1.60	345 4 to 5 ft.	\$0.30	\$0.25		1008 12 to 18 ins.	\$0.20	\$0.15	
300 18 to 24 ins. B&B.	1.35	710 3 to 4 ft.	.25	.20		Spiraea Billardi.			
400 15 to 18 ins. B&B.	1.10	700 12 to 18 ins.	.08	.06		20 3 to 4 ft.	.25	.20	
Arbortitae, Baker.		Althaea Paeoniflorus.				1270 2 to 3 ft.	.20	.15	
2350 2 to 4 ft. B&B.	1.60	450 18 to 24 ins.	.12	.10		2257 18 to 24 ins.	.15	.10	
2550 30 to 36 ins. B&B.	1.35	1500 12 to 18 ins.	.08	.06		1950 18 to 24 ins. L.O.	.06	.05	
Arbortitae, Excelsa.		41 6 to 12 ins. L.O.	.03			Spiraea Opulifolia Aurea.			
275 3 to 4 ft. B&B.	1.60	Althaea Pulcherrimus.				450 4 to 5 ft.	.30	.25	
75 30 to 36 ins. B&B.	1.35	850 18 to 24 ins.	.12	.10		Spiraea Prunifolia.			
Arbortitae, Bonita.		175 12 to 18 ins.	.08	.06		40 2 to 3 ft.	.25	.20	
125 18 to 24 ins. B&B.	1.35	100 12 to 18 ins. L.O.	.03½	.03		20 18 to 24 ins. L.O.	.30	.15	
35 15 to 18 ins. B&B.	1.10	25 6 to 12 ins. L.O.	.03			Spiraea Vanhouttei.			
Magnolia Soulangeana.		Althaea Purpurea Semipinnus.				8775 18 to 24 ins.	.15	.10	
439 6 to 8 ins. B&B, heavy budded	7.00	4275 18 to 24 ins.	.12	.10		8885 12 to 18 ins.	.10	.06	
476 5 to 6 ins. B&B, heavy budded	5.00	2250 12 to 18 ins.	.10	.06		100 18 to 18 ins. hedging	.06	.05	
263 2 to 3 ft. B.R.	1.25	200 18 to 24 ins. L.O.	.04	.03½		9800 12 to 18 ins. hedging	.06	.05	
709 18 to 24 ins. B.R.	1.00	450 12 to 18 ins. L.O.	.03½	.03		5500 18 to 24 ins. L.O.	.03	.04	
1213 12 to 18 ins. B.R.	.75	475 6 to 12 ins. L.O.	.03			Tamarix Hispidia.			
110 2 to 3 ft. L.O.	1.00	Althaea Rubis.				100 6 to 12 ins. L.O.	.04	.03	
425 18 to 24 ins.	.75	120 2 to 3 ft. L.O.	.17½	.15		100 18 to 18 ins. L.O.	.03	.04	
800 12 to 18 ins. L.O.	.60	1013 18 to 24 ins.	.12	.10		269 18 to 24 ins. L.O.	.06	.05	
Magnolia Soulangeana Nigra.		500 12 to 18 ins.	.08	.06		Weigela Abel Carriere.			
206 2 to 3 ft. B&B.	2.50	75 18 to 24 ins. L.O.	.04	.03½		890 18 to 24 ins.			
35 3 to 4 ft. B&B.	3.00	350 12 to 18 ins.	.03½	.03		3 br. and up.	.20	.15	
186 2 to 3 ft. B.R.	1.25	225 6 to 12 ins. L.O.	.03			1050 12 to 18 ins.			
220 18 to 24 ins.	1.00	Althaea Lady Stanley.				20 3 br. and up.	.15	.10	
483 12 to 18 ins. B.R.	.75	435 18 to 24 ins.	.12	.10		1025 18 to 24 ins. 2 br.	.15	.10	
100 2 to 3 ft. L.O.	1.00	1050 12 to 18 ins.	.08	.06		50 12 to 18 ins. 2 br.	.10	.08	
100 18 to 24 ins. L.O.	.75	100 6 to 12 ins. L.O.	.03			Weigela Rosea.			
122 12 to 18 ins. L.O.	.60	Calcearia Purpurea.				1100 12 to 18 ins.			
		30 4 to 5 ft.	.30	.25		3 br. and up.	.15	.10	
		15 3 to 4 ft.	.22	.20		350 18 to 24 ins.	.15	.10	
Flowering Almond.		90 2 to 3 ft.	.17	.15		375 12 to 18 ins. 2 br.	.10	.08	
4000 18 to 24 ins.	\$0.25	255 18 to 24 ins.	.12½	.10		Weigela Eva Rathke.			
2350 12 to 18 ins.	.17½	75 12 to 18 ins.	.10	.08		600 18 to 24 ins. 2 br.	.20	.15	
Althaea Amplissimus.		100 18 to 24 ins.	.04	.03		2975 12 to 18 ins.			
385 18 to 24 ins.	.12	100 18 to 24 ins. L.O.	.05	.04		3 br. and up.	.20	.15	
100 12 to 18 ins.	.08	25 6 to 12 ins. L.O.	.03½	.03		1250 12 to 18 ins. 2 br.	.15	.12½	
75 12 to 18 ins. L.O.	.03½	Deutzia Rosea.				Lombardy Poplar.			
100 6 to 12 ins. L.O.	.03	875 18 to 24 ins.	.12½	.10		70 8 to 10 ft.	.60	.50	
Althaea Anemoneiflorus.		75 6 to 12 ins.	.04	.03½		590 6 to 8 ft.	.50	.40	
835 18 to 24 ins.	.12	Deutzia Pride of Rochester.				1170 5 to 6 ft.	.40	.30	
1850 12 to 18 ins.	.08	475 18 to 24 ins.	.12½	.10		3110 4 to 5 ft.	.30	.25	
325 12 to 18 ins. L.O.	.03½	35 12 to 18 ins.	.10	.08		3 4 to 3 ft.	.30	.20	
175 6 to 12 ins. L.O.	.03	125 18 to 24 ins. L.O.	.06	.05		525 2 to 3 ft.	.20	.15	
Althaea Boule de Feu.		25 12 to 18 ins. L.O.	.05	.04		Mimosa.			
103 4 to 5 ft.	.30	Forsthia Fortunei.				230 4 to 5 ft.	.60	.50	
195 18 to 24 ins.	.12	925 18 to 24 ins. L.O.	.04	.03½		295 3 to 4 ft.	.50	.40	
200 12 to 18 ins.	.08	400 12 to 18 ins. L.O.	.03½	.03		115 2 to 3 ft.	.40	.30	
169 12 to 18 ins. L.O.	.03½	200 6 to 12 ins. L.O.	.03	.02½		All 18 to 24 ins. and smaller grades tied			
150 6 to 12 ins. L.O.	.03	Forsthia Intermedia.				25 per bundle. All larger grades tied			
Althaea Coelestis.		200 18 to 24 ins. L.O.	.04	.03½		10 per bundle. No bundles broken. Minimum			
130 3 to 4 ft.	.30	575 12 to 18 ins. L.O.	.03½	.03		baling charge, 50c. Cash with order un-			
5 2 to 3 ft.	.25	475 6 to 12 ins. L.O.	.03	.02½		less credit established with us.			
505 12 to 18 ins.	.15	Honeysuckle Fragrantissima.				Quotations gladly submitted on larger			
Althaea Jeanne d'Arc.		75 12 to 18 ins.	.10	.08		quantities.			
370 18 to 24 ins.	.12	Privet, Amur River South.							
1300 12 to 18 ins.	.08	1650 18 to 24 ins.	.06	.05					
75 12 to 18 ins. L.O.	.03½	3780 12 to 18 ins.	.04	.03½					

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Hopkinsville, chairman; A. G. Humphreys, Humphreys Landscape Service, Mount Sterling; Charles Michler, Michler Landscape Service, Lexington.

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Landscape nurserymen: Louis Hillenmeyer, Jr., Hillenmeyer Nurseries, Lexington, chairman; Carl Ray, Carl Ray Co., St. Matthews; Mitchell Liechhardt, Barr & Liechhardt Nursery, Bowling Green.

Necrology: Sen. Alvin Kidwell, Willadean Nurseries, Sparta; Clinton Korf-hage.

Resolutions: John Ostrander, the Garden Shop, Louisville, chairman; Herbert Bunton; Louis Hillenmeyer, Jr.

Legislative: Sen. Alvin Kidwell, chairman; Herbert Bunton.

"Plant America": Louis Hillenmeyer, Sr., and Dan Gardiner, Boone Gardiner Nurseries, Louisville, cochairmen; Richard Talliferro, Mount Pleasant Gardens, Fort Thomas; Wallace Barr, Barr & Liechhardt Nursery, Bowling Green; Cissy Gregg, home consultant, the Courier Journal, Louisville; Prof. N. R. Elliott, department of horticulture, University of Kentucky, Lexington; Prof. Henry Hagan, Morehead State Teachers' College, Morehead.

CHINESE CHESTNUTS

Peter Lui strain seedlings and grafted Nanking, Meiling, Abundance and Kuling varieties. Write for information and prices if you want quality trees at moderate cost.

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Azaleas, Camellias, Magnolias and other Ornamentals. Catalog on request.

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Specializing in B&B Evergreens BROADLEAFS and CONIFERS

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EVERGREENS

50 Greek Juniper, 18 to 24 ins.
200 Irish Juniper, 5 to 6 ft.
300 Retinospora Obtusa, 18 to 24 ins.
1500 Nandina, 18 to 36 ins.
400 Ligustrum Lucidum, 2 to 4 ft.
50 Retinospora Veitchi, 18 to 36 ins.
B&B at nursery

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Washington Joint Meeting

By M. Blake Smith

Nurserymen of the northwest met January 21 and 22 at Wenatchee, Wash., for the annual joint sessions of the Washington State Nurserymen's Association and the state chapter of the American Association of Nurserymen. Walter Plough, Wenatchee, president of the chapter, reported that approximately 60 attended.

After registration in the lobby of the Columbia hotel, the meeting was called to order Monday morning, January 21, by R. D. Leamer, president of the Washington State Nurserymen's Association. Officers' and committee reports followed.

The nominating committee, consisting of Larry Krause, Spokane; Bert Sturm, Toppenish, and Howard Andrews, Monroe, will report at the spring meeting of the executive council.

Discuss Pests

Highlights of the morning session were a paper by Dr. L. W. Rasmussen, Washington State College, on "Why We Have Weeds or How to Get Rid of 'Em," which was given by Dr. T. C. Merrill, department of horticulture, W. S. C., and a symposium on "What Is Good and What Is Bad About the Newer Bug, Weed and Disease Controls," or "How to Make Your Control Dollar Go Farther." This was joined in by Dr. T. C. Merrill; Larry Krause, Spokane; Bert Snyder, Wenatchee, and "Bud" McGuire, Tacoma.

2,4-D is effective on morning-glory in apple orchards in the fall and does no harm to trees, Dr. Merrill reported. TCA is a promising control for grass. Cyanamide is more risky on light soils. Isoprol in the fall at 200 gallons per acre is good for quack grass in otherwise barren fields.

"Bud" McGuire reported that he recommended to his customers that they use a sulphur dust on their roses, rather than a spray, as it is just as effective and easier to use. Larry Krause reported that the spray chart on packaged spray material is handy to use and helps solve many retail problems. Bert Snyder asserted that, for better general control, more emphasis should be placed on control of aphids in the orchards.

Place of Research

Under the general heading, "How a Nurseryman Gets Help If He Has

Problems," the afternoon session got off to a fairly prompt start with a talk by George Eade, nursery inspection service, Sumner. Mr. Eade's subject was "What the Inspection Service Does and Can Do," and in developing it Mr. Eade explained quarantines and uses of them to keep diseases and insects out, or to delay entry, until research shows ways to cope with these conditions.

Dr. T. C. Merrill, department of horticulture, W. S. C., developed his subject, "Does Research with Plants Help Nurserymen?," by stressing

the work being done and the further research needed in discovering the resistance of various plants to disease and to climatic limitations; in developing better varieties of plants; in finding better propagating methods; in discovering better and cheaper fertilizers and better and more easily handled mulches; in learning more about dormancy in plants; in finding better weed control for nursery stock, and in experimenting with better packaging to cut losses in shipping and handling.

Banquet

After the evening banquet, certificates were handed out to all past presidents of the association and an honorary membership in it given to George Eade. Dr. T. C. Merrill was

Moraine Locust

(PLANT PATENT No. 836)

WE HAVE THE FOLLOWING IN SURPLUS

	Each Per 10	Each Per 100
5 to 6 ft., whips.....	\$2.25	\$2.00
6 to 7 ft., whips.....	2.75	2.50

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LEXINGTON, KENTUCKY

AVAILABLE STOCK LIST

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Now ready for mailing.

Write:

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McMINNVILLE, TENNESSEE

VICTORIA RHUBARB

Extra Quality. Sandy Loam Grown.

	Per 100	Per 1000
5/8 to 1 -in.....	\$4.50	\$40.00
1 to 1 1/2-in.....	6.00	55.00
1 1/2-in. and up.....	7.50	70.00

F.O.B. Hannibal, Mo.

Packing free.

SIMS NURSERY FARMS
HANNIBAL, MO.

Broad-leaved

Coniferous Evergreens

Deciduous Magnolias

Write for complete price list.

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Columbus Mississippi

toastmaster, and Fred Westberg, manager of the Washington state fruit commission, made the address. Mr. Westberg pointed out that the first 30 seconds after meeting the customer were more important than the next 10 minutes. He stressed a prompt, pleasant greeting; a smile; good appearance, and a pleasant voice tone as of prime importance in making that first impression. He suggested a simple "Good afternoon, Mr. So-and-So," as a good opening, unless the customer has had the opportunity to look at the merchandise, when a direct reference to it is an equally good opening.

Dancing and general relaxation followed.

A. A. N. Chapter Meets

A meeting of the Washington chapter of the American Association of Nurserymen, called to order by Walter Plough, president, opened the Tuesday morning session. After the financial report, the "Plant America" and the Blue Star highway committees reported.

Robert Leamer, Marysville, retired as chairman of the "Plant America" committee. Robert E. Tindall, Bothell, was named new chairman, but Mr. Leamer remains on the committee with Larry Krause, Spokane, and "Bud" McGuire, Tacoma.

Despite his illness and absence, Paul Mayer was continued as chairman of the Blue Star highway committee, on which he has already done much work.

Catalog Sizes

The subject of odd-size catalogs was discussed by John Strander, Seattle, who asserted that 8½x11 inches is an economical size because the paper cuts without waste and catalogs of uniform size file better than catalogs in miscellaneous sizes. He recommended that all members of the association adopt this size for their catalogs and that they use the upper right-hand corner of the first sheet to key the continuity, the

TREES WITH SALES APPEAL

We still have the following fruiting and flowering trees in surplus—order your supply now.

Flowering Peach Trees

	Each
500 Peppermint flowering Peach, two-tone, 2 to 3 ft.	\$0.40
500 Peppermint flowering Peach, two-tone, 18 to 24 ins.	.25
500 New Red Leaf Peach, 2 to 3 ft.	.40
1000 New Red Leaf Peach, 18 to 24 ins. (Red foliage and fruit.)	.25
500 Double Red-flowering Peach, 2 to 3 ft.	.40
500 Double Red-flowering Peach, 18 to 24 ins.	.25
300 New Red-flowering Weeping Peach, 2 to 3 ft.	.40
300 New Red-flowering Weeping Peach, 18 to 24 ins.	.25
250 New Pink-flowering Weeping Peach, 2 to 3 ft.	.40
250 New Pink-flowering Weeping Peach, 18 to 24 ins.	.25

Shade Trees

	Each
500 Acer, Silver Maple, 5 to 6 ft., br.	\$0.40
500 Acer, Silver Maple, 6 to 8 ft., br.	.70
500 Tulip Poplar Tree, 5 to 6 ft., br.	.50
500 Tulip Poplar Tree, 6 to 8 ft., br.	.75
250 American Sycamore, 5 to 6 ft., br.	.60
250 American Sycamore, 6 to 8 ft., br.	.75
1000 Lombardy Poplar, 4 to 5 ft., br.	.15
500 Lombardy Poplar, 5 to 6 ft., br.	.20

Hedging Trees

	Per 1000
5000 Chinese Elm, sdigs., 2-yr., 18 to 24 ins.	\$25.00
5000 Chinese Elm, sdigs., 2-yr., 2 to 3 ft.	35.00
5000 Chinese Elm, sdigs., 2-yr., 3 to 4 ft.	50.00
2500 Chinese Elm, sdigs., 2-yr., 4 to 5 ft.	80.00
7500 Lombardy Poplar, cuttings, 1-yr., 18 to 24 ins.	25.00
7500 Lombardy Poplar, cuttings, 1-yr., 2 to 3 ft.	35.00
5000 Lombardy Poplar, cuttings, 1-yr., 3 to 4 ft.	50.00

Write for Trade List, if you do not have a copy.

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NURSERY COMPANY

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CHOICE EVERGREENS

JUNIPER, Chinensis

Columnaris, Blue.	Each
3 to 4 feet.	\$3.50
4 to 5 feet.	4.50
5 to 6 feet.	5.00

JUNIPER, Pfitzeriana.

12 to 15 inches.	1.00
15 to 18 inches.	1.50
18 to 24 inches.	2.00
24 to 30 inches.	2.50
30 to 36 inches.	3.00

JUNIPER,

Communis Fastigiata.

	Each
2 to 3 feet.	\$2.00
3 to 4 feet.	2.50

BAKER'S ARBORVITAE.

30 to 36 inches.	1.25
3 to 4 feet.	1.60
4 to 5 feet.	1.80
5 to 6 feet.	2.00

Carload or truckload. Very choice, well grown plants.

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ROSES, 2-yr. Budded

No. 2 Plants for light retail trade or to grow on as liners.

\$25.00 per 100. Cash with order.

Shipment now or later. Subject to prior sale.

60 Syracuse	150 Caledonia
80 Regular Tailsman	100 Edith N. Perkins
100 Pres. Hoover	150 D. Luxembourg
350 Etoile de Hollande	CL. EVERBLOOMING
120 Red Radiance	50 Cl. Red Radiance
100 Editor McFarland	90 Cl. E. de Hollande
60 Rouge Maillet	30 Cl. Tailsman
70 Pink Radiance	



OZARKS PLANT FARMS

Springfield, Mo.
A. A. N. Member

QUALITY JUNIPER GRAFTS

For spring, 1952, delivery, from 2½-in. pots on Virginiana understock. We are grafting Juniperus Virginiana Canaerti, Glauca, Pyramidiformis (Dundee), Burki and Keteleeri.

PAUL ARTERBURN NURSERY
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TAXUS and JUNIPERUS

Spreading and Upright

Finest Quality

Lining-out and B&B Stock

BROWN DEER NURSERIES

P. O. Box 1747
Milwaukee 1, Wis.

LINING-OUT STOCK

Camellia Sasanqua.

Annette.
Cinderella.
Cleopatra.
Maiden's Blush.
Rosa.
Texas Star.

	Per 100
8 to 12 ins., liners.....	\$12.50
12 to 18 ins., liners.....	25.00
18 to 24 ins., liners.....	30.00

Gardenias.

Fortunei.

Radicans.

6 to 8 ins., liners.....	7.50
8 to 12 ins., liners.....	10.00

Ginkgo Biloba.

6 to 8 ins., liners.....	7.50
8 to 12 ins., liners.....	10.00

Viburnum.

Odoratissimum.

6 to 8 ins., liners.....	10.00
8 to 12 ins., liners.....	12.50

The above are excellent liners, heavily rooted and well grown; sure to please.



Wholesale Only



SEMME, ALA.

PFITZER JUNIPER LINERS

In Plant Bands

6 to 8 ins., 14½¢; 8 to 10 ins., 20¢; 10 to 12 ins., 26¢ ea.

Also Greek and Ashford Juniper, 8 to 10 ins., 20¢ ea.

Taxus Cuspidata and Capitata, 2-yr., 6 to 8 ins., 20¢ ea.

All prices for 300 or more. If total order is less than 300, prices are 16¢, 22¢ and 28¢, instead of 14½¢, 20¢ and 26¢ ea.

Wherever you look there's a home to be planted. We urge you to run, don't walk, to secure your requirements.

Book your order for spring.

McININCH GREENHOUSES

ST. JOSEPH, MO.

CHARLES SZEMORE

319½ Georgia St.

Louisiana, Mo.

Collector of past due notes and accounts any place in the United States and foreign countries—Rates as below:

18 per cent on first \$300.00.
15 per cent on next \$200.00.
10 per cent on amount above \$500.00.

Minimum Commission, \$9.00, except on claims \$18.00 or less, 50 per cent.

Where suit is necessary a minimum suit fee of \$7.50 is added, but in no case is the fee more than 50 per cent.

NO COLLECTION—NO CHARGE

Freight bills not over two years old checked for 35 per cent of any amount found. Nothing found, no charge. It takes just three cents to mail your claims. We do the work and furnish postage.

date and number of issue. A committee to study the matter was appointed under the chairmanship of John Strander.

Dr. Earl Blodgett's talk was on "What the State College Is Doing for the Nurseryman." Dr. Blodgett, who is with the irrigation experiment station at Prosser, discussed the work being done at that station on the nursery stock improvement program. He gave a graphic description of the testing of different varieties of trees, understocks, virus-free understocks and dwarf stocks, and the work in control of woolly aphis and crown gall. He also stressed the need for further study of rose viruses.

To Make More Money

A panel discussion on "How You Can Make More Money" was led by Stanley Walters, Puyallup, chairman of the public relations committee. Harold Hopkins suggested that one way would be through better relations with fellow nurserymen in getting to know them through attendance at the meetings. Sales of long items to each other would help everyone keep inventories down. It would help to exchange customer references. Larry Krause emphasized that advertising and good selling methods still pay. "Bud" McGuire advocated a little extra service—a willingness to give honest and sincere advice even if it results in an immediate smaller sale.

B. Sturm offered, in a paper read by Stanley Walters, the belief that a better relation with our government would help the nurseryman make more money by his use of the ability and services already available. He also suggested the nurseryman's sharing his experience with garden groups or with local groups planning to do plantings, such as park boards, and that nurserymen plant new good types of plant material in public places to help familiarize the public with these plants.

Mr. Walters summed up the discussion with his own comments to the effect that nurserymen should publicize their business names whenever possible; speak before garden clubs and get news of their firms in the papers as often as possible. He pointed out the value of good public relations in enhancing the nurseryman's position and in bringing about the opportunities for making news.

The next meeting date was set for approximately September 8 and 9 at Seattle; a tentative midwinter meeting planned at Portland; a 1953 summer meeting planned for Spokane, and a 1953-54 winter meeting at Tacoma.

THE ANSWER TO STORE SALES



Yes, the answer to store sales is this Co-Op single packaged bush. Try them once and we know you'll agree. Available in all grades and varieties.

We grow and wholesale the world's best roses. They have a world of sales appeal!

Write today for catalog and price list.

CO-OPERATIVE ROSE GROWERS TYLER • TEXAS

WISTARIA TREES

Straight trunks, heavily branched heads.

Each

3 to 4 ft., B&B.....\$3.25

4 to 5 ft., B&B..... 3.75

Slightly higher at Dallas.

VERHALEN NURSERY CO.

12140 Harry Hines Blvd. DALLAS
SCOTTVILLE, TEXAS

Your Profits Grow in Verhalen Plants

DOGWOOD

Cornus Florida.

Per 100

2 to 3 ft., branched.....\$10.00

3 to 4 ft., branched..... 15.00

4 to 5 ft., branched..... 25.00

SWEET GUM

Liquidambar.

12 to 18 ins., s..... 2.50

18 to 24 ins., s..... 3.50

2 to 3 ft., s..... 5.00

3 to 4 ft., branched..... 10.00

4 to 5 ft., branched..... 20.00

O. H. PERRY NURSERY CO.

Box 545 McMinnville, Tenn.

ROSES No. 1 30c each

Write for a variety list.

M. OLIVER TYLER, TEXAS

OHIO ASSOCIATION

[Continued from page 9.]

opened with a discussion of "Nursery Management, Nursery Business Management and Nursery Stock Management," by Charles Hetz, Fairview Evergreen Nurseries, Fairview, Pa. Mr. Hetz discussed in some detail the management of the Fairview nurseries, pointing out the practices found successful there. He expressed the opinion that a nursery manager, to be successful, must work up in the business, thus having a thorough knowledge of all the various phases of the business. He must have faith in the nursery business and in nursery products.

In the propagation department, Mr. Hetz advocated collecting one's own seeds as far as possible. In preparing the propagating schedule, take an inventory and determine the amount of stock of each item in production from the seedling stage to the finished plant and plan the next propagating schedule accordingly.

Decide on the tools that are needed to carry on all the phases of your business. Get all weeds cleaned out of stock blocks by June 1. Plan labor carefully. Know where extra labor can be obtained. Plan the fertilization program carefully. About 300 tons of commercial fertilizer is used each year at the Fairview nurseries. Trace elements are combined with much of this fertilizer. A higher nitrogen fertilizer is used on taxus than on thuja. Choose the soil carefully for the different plants. Farm manures are used extensively, since a considerable number of steers are fattened during the year.

Have clearly in mind at what size the nursery stock will be sold. Plan the digging schedule and arrange as far as possible to keep the labor force busy over as long a period as possible and, at the same time, satisfy the customers. Your inventory should tell you what you have for sale. It is better to sell a little over the estimate than under it, because it is important that all the plants be sold. The last few plants may make the profit.

Don't become overburdened with an elaborate cost system. It is possible to figure costs of production of plants by figuring the costs all at one time. This can be done by determining the costs involved in the production of plants of different ages and adding them together. Cost of harvesting is nearly equal to the cost of production. Taxes add a lot to the actual cost of plants.

Try to have some item to sell as

J. H. SKINNER & CO.

TOPEKA, KANSAS

We offer the following stock for immediate shipment.

Lombardy Poplar, 1-year, from cuttings.

	Per 100	Per 1000
3 to 4 feet, whips	\$ 8.50	\$ 75.00
4 to 5 feet, whips	9.00	80.00
4 to 5 feet, branched	11.00	100.00
5 to 6 feet, whips	12.00	110.00
5 to 6 feet, branched	14.00	120.00
6 to 7 feet, whips	15.00	135.00
6 to 7 feet, branched	17.00	150.00

Shade Tree Seedlings.

Elm. Chinese.		
6 to 12 inches	.90	8.00
12 to 18 inches	1.80	15.00

Hackberry.

6 to 12 inches	1.80	15.00
----------------	------	-------

Honeylocust, Thornless.

6 to 12 inches	1.40	12.00
12 to 18 inches	2.10	18.00
18 to 24 inches	2.90	25.00
2 to 3 feet	4.00	35.00
3 to 4 feet	7.00	60.00

Mulberry, Russian.

6 to 12 inches	1.20	10.00
----------------	------	-------

MISCELLANEOUS OTHER STOCK

Privet, Amur River North
One and Two-year Sour Cherry
Two-year Apple
One and Two-year Pear
Shrubs and Shade Trees

Your Inquiries Are Appreciated.

SPRING, 1952

All Best Quality, Sheared, Compact Stock, Generously Graded.

	Each
Juniperus Pfitzeriana, 18 to 24 ins.	\$2.60
2 to 2 1/2 ft.	3.10
2 1/2 to 3 ft.	3.60
Chamaecyparis Plumosa, 18 to 24 ins.	1.60
2 to 2 1/2 ft.	1.85
2 1/2 to 3 ft.	2.35
3 to 3 1/2 ft.	2.85
3 1/2 to 4 ft.	3.60
Juniperus Horizontalis Plumosa, 15 to 18 ins.	2.10
18 to 24 ins.	2.35
2 to 2 1/2 ft.	2.50
2 1/2 to 3 ft.	3.10
Thuja Occidentalis Globosa Woodwardi, 15 to 18 ins.	1.85
18 to 24 ins.	2.35
Thuja Occidentalis Pyramidalis, 2 1/2 to 3 ft.	2.35
3 to 3 1/2 ft.	2.85
3 1/2 to 4 ft.	3.10
4 to 5 ft.	4.00

CONNER & AMOS, Inc.

129 Old Dutch Rd.

CHARLESTON, W. VA.



SEMME'S NURSERIES

AZALEAS - CAMELLIAS
and other choice evergreens

Wholesale Catalog SEMMES, ALA.

AZALEAS

Broad-leaved Evergreens and a
general line of quality ornamentals.

THE TANKARD NURSERIES
EXMORE, VA.

We Offer

OUR USUAL SUPPLY OF NURSERY STOCK

Apple	Peach	Pear
Plum	Cherry	Apricot
Figs	Grapes	Pecans

June Bud Peach
Japanese Persimmon
Ornamental and Shade Trees

Send us your want list;
write for prices.

COMMERCIAL NURSERY CO.

Nicholson Bros. DECHERD, TENN.

TWO-YEAR, FIELD-GROWN, BUDDED ROSES

We offer a small surplus of a few thousand roses in the following:

RED	PINK	YELLOW
Red Radiance	Radiance	Luxembourg
Hadley	Nellie Perkins	Betty Grace Clark
Grenoble	Editor McFarland	Talisman
Red Columbia	Mrs. Dudley Cross	Western Gold
Etoile de Hollande	Comtesse Vandal	

TWO-TONE
Talisman
Pres. Hoover
Betty Uprichard

Cl. Blaze, red
Cl. Pink Radiance
Paul's Scarlet, red cl.
Cl. Dr. Van Fleet, pink

	Per 10	Each per 100
No. 1	\$4.00	\$0.35
No. 1 1/2	3.25	.27 1/2
No. 2	2.25	.20

50 at 100 rate. Cash or C.O.D. Packing free in paper-lined bales. Prompt shipment, satisfaction guaranteed.

ROSELAWN NURSERIES

Winnsboro, Texas

JUNIPERUS VIRGINIANA

2 to 6-foot Specimens

Carloads and Truckloads

SNEED NURSERY COMPANY

P. O. Box 798

Oklahoma City 1, Okla.

Wholesale

Since 1918

RED RASPBERRIES — GRAPES — BLACKBERRIES
RASPBERRY TIPS — CURRANTS — SHRUBS

Ivan R. Congdon Nursery

NORTH COLLINS, N. Y.

SMALL FRUIT PLANTS

We again offer our complete line of

Grapes

Currants

Berry Plants



FOSTER NURSERY CO., Inc.

69 Orchard St. Fredonia, N. Y.

WE OFFER . . .

Our General Line of

SMALL FRUIT PLANTS

Let us quote on your requirements.

L. J. RAMBO'S WHOLESALE NURSERIES

Bridgman, Michigan

NEW ARMORE

Strawberry Plants

Most recent introduction by University of Missouri.

Blakemore x Aroma

Large Fruits • Firm • Good Color
Thrifty Plants • Matures all the Flowers

\$2.00 per 100; \$8.50 per 500;

\$16.00 per 1000.

F.O.B. Hannibal, Mo. Limited supply;
order early.

SIMS NURSERY FARMS
HANNIBAL, MO.

FRUIT TREES

Apple
Plum

Pear
Cherry

Write for quotations.

ULLYETTE BROS. NURSERIES
Dansville, N. Y.

Certified BLUEBERRY PLANTS

One-year rooted cuttings, \$8.00 per 100; \$70.00 per 1000. 10 varieties.

A. G. AMMON
Box 14 CHATSWORTH, N. J.

near the year around as possible. Fairview nurseries have sales of lining-out stock, semifinished stock, finished stock, Christmas trees and cattle.

Mr. Hetz advocated visiting other nurserymen to obtain information to enable you to modify your practices and production schedules to advantage. It is necessary to plunge occasionally. Cut the list of plants you grow to those that can be produced of high quality and can be sold at a profit. Allow discounts on quick payments, and buy in quantity.

Labor Relations

Kenneth C. Voght, Dayton, a consultant on labor relations, discussed labor problems as they pertain to the nursery industry. Mr. Voght stated that the key to labor was to have the men do what you want them to do, when you want it done and to have the men want to do it. In interviewing a prospective employee, be sure to ask him all the questions that pertain to his employment. You must sell the prospective employee on your business. You have an investment in the man you hire. Give him the best tools available. His work will be more efficient and the quantity of production will be greater.

In a survey, a large group of men were asked to list what they wanted in a job. The three most often mentioned points were: The employee wants to be recognized as part of your business—a partner with you in your business. He wants security—year-around employment, hospitalization, etc. He wants a reasonable rate of pay.

Customer Relations

One of the highlights of the convention was the talk by Elmer Spencer, Springfield, Ill., on "Holding Your Customer." Mr. Spencer stated that a successful businessman is one who is happy in what he is doing. Adopt a high code of behavior that leads to the satisfied customer.

The small nurseryman should not become involved in propagation. Don't grow it if you can buy it for less. Buy in quantity for less.

Mr. Spencer emphasized the point that customer relationships are highly important. If you want a successful business, stay as close to the customer as you can. Nurserymen's meetings and nurserymen's short courses largely fail if they do not result in more satisfied customers. Be honest in your contacts, don't talk to the customer, talk with him and never argue with him.

Friday morning, January 25, Frank Winter, of the department of plant

pathology of Ohio agricultural experiment station, talked on the stone fruit virus and the certification of disease-free stock. Considerable work is now being done in Ohio in connection with this problem.

Panel on Sales

An interesting panel discussion on cash-and-carry sales was one of the main features of the morning session. Paul Aukeman, Hollandia Gardens, South Vienna, was the leader. Others taking part were Robert Hillenmeyer, Hillenmeyer Nurseries, Lexington, Ky., and Walter Coon, Farmington Gardens, Farmington, Mich.

Mr. Coon stressed the points that he felt were essential in establishing and operating a profitable cash-and-carry business. A definite plan of operation, strict adherence to timely practices, attractive layout, cleanliness and stock to be displayed and replenished according to a well conceived plan are essential points to consider.

Robert Hillenmeyer discussed practices followed in the management of the firm's new garden store. He stated that cash-and-carry business had increased three and one-half times since the store opened. Approximately 60 per cent of the orders are for cash. The cash sales require less book-keeping. Through the medium of the garden store, it is believed, more plants have been exposed to buyers than ever before, and this fact should eventually result in an increase in demand for nursery stock. All plants are priced and marked with a "sold" tag as soon as they are purchased.

Mr. Hillenmeyer stated that pictures aided greatly in the sale of plants. Roses that were pictured out-sold varieties not pictured 20 or 25 to 1. Good salesmen are necessary. The busiest period of the week is between the hours of 3 and 6 p. m. on Sunday. In salesyard selling, your customers can be your salesmen. Provide a "coke" machine and some seats where your customers can gather to chat. In talking to their friends they will act as your salesmen.

Paul Aukeman discussed the importance of a lath house to a sales lot establishment and mentioned some of the practices he has found to be desirable in operating a successful salesyard and store. Plan the walks carefully so that they will serve the flow of traffic through the establishment. Make the walks wide, even if some display space must be sacrificed. Analyze the sales area and select the right location for the plants you want to push. Chart the whole area for the entire season so that changes can be made according to

WE OFFER FOR SPRING DELIVERY

	Per 10	Per 100
Malus Eleyi , Eley Flowering Crab.		
4 to 5 ft.	\$5.00	\$45.00
3 to 4 ft.	4.00	35.00
Red-flowering Peach.		
2 to 3 ft.	2.50	20.00
18 to 24 ins.	2.00	15.00
12 to 18 ins.	1.50	12.50
Cornus Florida , White-flowering Dogwood.		
4 to 5 ft.	5.00	45.00
3 to 4 ft.	4.50	40.00
2 to 3 ft.	4.00	35.00
Cercis Canadensis , American Redbud.		
4 to 5 ft.	5.00	45.00
3 to 4 ft.	4.50	40.00
2 to 3 ft.	3.50	30.00
Liriodendron Tulipifera , Tulip Tree.		
5 to 6 ft.	5.00	45.00
4 to 5 ft.	4.50	40.00
3 to 4 ft.	3.50	30.00
Chinese Elm.		
4 to 5 ft.	4.00	35.00
3 to 4 ft.	3.00	25.00
2 to 3 ft.	2.50	20.00
Cydonia Japonica Rubra , Japanese Quince.		
True upright red, nonfruiting.		
2 to 3 ft.	4.00	35.00
18 to 24 ins.	3.50	30.00
12 to 18 ins.	2.50	20.00
Spiraea Anthony Waterer.		
12 to 15 ins., heavy clumps.	4.00	35.00
Spiraea Vanhouttei.		
2 to 3 ft., 2-yr. tr., well br.		18.00
18 to 24 ins., 2-yr. tr., well br.		12.50
12 to 18 ins., hedging grade, \$45.00 per 1000.		
Wistaria Floribunda , large blooms.		
2-year, No. 1.	5.00	45.00
2-yr., No. 2.	4.00	35.00
Lagerstroemia Indica , Crape Myrtle, red.		
3 to 4 ft.	4.00	35.00
2 to 3 ft.	3.50	30.00
Calycanthus Floridus , Sweet Shrub.		
18 to 24 ins., 2-yr. tr.	2.50	20.00
12 to 18 ins., 2-yr. tr.	2.00	15.00
Althaea , double red.		
3 to 4 ft.	3.50	30.00
Red Mimosa.		
2 to 3 ft.		20.00
Pink Mimosa.		
3 to 4 ft.		20.00
2 to 3 ft.		15.00
Juglans Nigra , Black Walnut.		
4 to 5 ft.	6.00	50.00
3 to 4 ft.	4.50	40.00

Many other items not listed.

SLATTON NURSERY COMPANY

Box 149

McMINNVILLE, TENNESSEE



Sell on sight! Make friends and repeat sales! Patented varieties. AARS Winners. Favorite standard varieties. Single-bush pack or 5-bush collections. Write for prices.

ARP NURSERY CO.
P. O. Box 567-R Tyler, Texas

PRONOUNCING DICTIONARY of Plant Names

64 pages, 3000 names, 25¢ per copy
American Nurseryman Chicago 4.

COME AND INSPECT THEM

For spring delivery

10,000 Taxus, 2 and 3-yr., potted
5000 Juniperus Pfitzeriana,
2 and 3-yr., potted
5000 Juniperus Gilauca Hetzi,
2 and 3-yr., potted
50,000 Taxus, R.C., flat-grown
5000 Thuja, R.C.
10,000 Tsuga Canadensis, trans.

For 1952-53 Delivery

25,000 Taxus, potted
5000 Juniper, potted
5000 Tsuga Canadensis, trans.
25,000 Weigela Eva Rathke, trans.
25,000 Deutzia gracilis Alba
and Rosa, trans.

HUMPHREYS LANDSCAPE SERVICE
MT. STERLING, KY.

APPLE and PEACH APPLE

	Per 10	Per 100
3-yr., $\frac{3}{4}$ to 1-in. caliper,		
Jumbo	\$6.50	\$55.00
2 and 3-yr., 1 1/16-in.,		
5 to 7 ft.	5.00	40.00
2-yr., 2/16-in., 4 to 6 ft.	4.50	35.00
2-yr., 7/16-in., 3 to 4 ft.	3.50	30.00
1-yr. Whips. Ask for quotations.		
Note: On lots of 300 or more, send your Want List for Quantity Prices.		

*Anoka	*N. W. Greening
*Bonum	*Paragon Winesap
*Corlind	*Red Gravenstein
*Delicious	Rome, Dbl. Red
*Delicious, Dbl. Red	*Spy, Dbl. Red
*Duchess, Dbl. Red	Stayman
*Early Red Bird	Stayman, Dbl. Red
*Grimes Golden	Summer Rambo
*Jonathan, Dbl. Red	*Summer Yellow
Lowry	Delicious
*Maiden Blush	*Virginia Beauty
*M. B. Twig	Winesap
*McIntosh	*Winter Banana
*Dbl. Red	Yellow Delicious
	*York Imperial

Note: Varieties indicated by * available in 3-yr. only.

MULTIPLE VARIETY APPLE TREES. Grafted to varieties ripening from the earliest to the latest, including such Apples as Yellow Transparent, Summer Rambo, Yellow Delicious, Red Delicious, Stayman.

	Per 10	Per 100
5-In-1, 3-yr., 3 to 5 ft.	\$12.50	\$100.00
4-In-1, 3-yr., 3 to 5 ft.	10.00	80.00
3-In-1, 3-yr., 3 to 5 ft.	8.00	70.00

PEACH

	Per 10	Per 100
7/16-in., 3 to 4 ft.	\$4.50	\$30.00
5/16-in., 2 to 3 ft., heavy ..	3.00	22.00
2 to 3 ft.	2.50	17.00

Belle of Ga.	J. H. Hale
Brackett	Redhaven
Elberta	Shipper's Red
Gage Elberta	Sullivan's Ea.
Golden Jubilee	Elberta
Halehaven	

Note: Write for prices on larger sizes of Peach.

EVERGREENS—See our ad: American Nurseryman February 1, 1952
SHADE TREES—See our ad: American Nurseryman January 15, 1952

Write for quotations on other varieties of Fruit Trees, Nut Trees and Shrubs.

WAYNESBORO NURSERIES WAYNESBORO, VIRGINIA

NATIVE SHRUBS and EVERGREENS

	Per 100	Per 1000
<i>Tsuga Canadensis</i> .		
3 to 6 ins., S.	\$1.25	\$10.00
6 to 9 ins., S.	1.75	15.00
9 to 12 ins., S.	2.50	20.00
12 to 18 ins., S.	4.00	35.00
18 to 24 ins., S.	6.00	55.00

<i>Ilex Opaca</i> .		
<i>Rhododendron Maximum</i> .		
<i>Kalmia Latifolia</i> .		
3 to 6 ins., S.	2.00	15.00
6 to 9 ins., S.	3.00	25.00
9 to 12 ins., S.	4.00	35.00
12 to 18 ins., S.	5.00	45.00
18 to 24 ins., S.	6.50	...

<i>Cercis Canadensis</i> .		
<i>Tilia Americana</i> .		
<i>Acer Rubrum</i> .	Each	
<i>Acer Saccharum</i> .		
4 to 5 ft., well br.	\$0.35	
5 to 6 ft., well br. ....	.45	
6 to 8 ft., well br. ....	.65	

<i>Azalea Calendulacea</i> .		
<i>Azalea Nudiflora</i> .		
12 to 18 ins., well br. ....	.15	
18 to 24 ins., well br. ....	.20	

CUMBERLAND PLATEAU NURSERY
York Route CROSSVILLE, TENN.

plan and not in a haphazard manner. Keep several plants of a kind on display so that the customer does not have to take the last one. All plants exhibited should be of high quality. Cleanliness is important. Conduct the business to fit the location and the clientele you hope to serve. Some plants may need to be carried although they do not pay, in order to round out some lines. The store and sales lot should be a 1-stop center.

Prof. Alex Laurie, of the department of horticulture, Ohio State University, discussed the present status of the horticulture department, its present problems and those that are likely to develop.

Research Program

The 1951 results of the Ohio Nurserymen's Association research fellowship program, now in its fifth year, were discussed by Dr. L. C. Chadwick, department of horticulture, Ohio State University. Several projects have been completed, some are still in progress and others will be added during the coming year. Projects that have been undertaken include (1) length of the storage period feasible for some types of nursery stock, (2) practices to follow in removing plants from storage, (3) storage temperatures for roses, (4) pruning practices for storage roses, (5) burlap preservatives, (6) heeling-in media, (7) quick freezing of roses, (8) construction materials for frames and walks, (9) growing nursery stock in tin cans and Cloverset pots, (10) transplanting aids, (11) methods to hasten the wetting of peat moss and (12) a survey of the toxicity of 2, 4-D to ornamental plants. Complete reports on these projects are furnished to contributors to the research fund.

Projects to be undertaken in the 1952 research program include (1) further study of the production of nursery stock in containers, (2) foliage fertilizing of transplanted plants, (3) storage of nursery stock through the summer period, (4) studies concerned with the dwarfing of shrubs, (5) chemical weed control and (6) some other miscellaneous projects if time and personnel permit.

The Ohio chapter of the American Association of Nurserymen met for a noon luncheon and business meeting. A brief report was given of the New Orleans convention, and Secretary R. P. White reported on a few of the important problems likely to confront nurserymen during the coming year. Plans for the annual convention to be held in Detroit in July were discussed.

Officers of the Ohio chapter were

FRUIT TREES MALONEY'S

Offer the following Quality Stock at Reasonable Prices for Spring, 1952

Standard Apple, 1 and 2-yr.

Plum, 1 and 2-yr.

Quince, 1 and 2-yr.

Standard Pear, 1 and 2-yr.

Sweet and Sour Cherry, on Mahaleb and Mazzard roots, 1 and 2-yr. True-to-name and free from disease, for Spring, 1952, orders.

Also Peach, 1-yr.

Shrubs, Shade Trees.

Evergreens

Write for our Wholesale Trade List

— Save Money —

MALONEY BROS. NURSERY CO., Inc.
DANSVILLE, NEW YORK

Our 68th Year

Member of American Association of Nurserymen

For Window Boxes HALL'S HONEYSUCKLE

- Grows Fast
- Evergreen
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Evergreens—Shrubs
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Send for Complete Trade List.

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NEW CARLISLE, O.

elected to coincide with officers of the Ohio Nurserymen's Association. New delegates to the board of governors of the A. A. N. are Charles Kohankie, Painesville; Joe Strickfaden, Sandusky, and Carl Kern, Jr., Wyoming. Alternates elected were George Gens, Elyria; Elmer Heitmeyer, Cincinnati; M. P. Sebian, Painesville; Merton Natorp, Cincinnati, and Paul Aukeman, South Vienna.



RALPH B. RICKLEFS, JR.

With the report of the meeting of the Kansas Association of Nurserymen published in the American Nurseryman of February 1 was published the portrait of Ralph B. Ricklefs, Sr., whereas Ralph B. Ricklefs, Jr., is the newly elected president of the Kansas association. The latter was born May 23, 1924, in the apple country of Doniphan county, Kansas, where his grandfather had extensive orchards. After graduating from high school at Salina, he spent three years in the army, being a veteran of the Philippine and Okinawa campaigns. He won a Purple Heart on Okinawa.

His first three semesters in college were at Bradley University, Peoria, Ill. Then he transferred to Kansas State College, from which he graduated with honors in landscape design.

In 1948 he joined his father, Ralph B. Ricklefs, as a partner in the Kansas Landscape & Nursery Co., Salina, Kan. He is a member of the Presbyterian church, on the board of directors of the Y.M.C.A. and vice-president of the Lions' Club.

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Plants and Propagating Wood.

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We still have too many **Blaze**; so you can still buy those extra-large No. 1 plants at \$30.00 per 100, F.O.B. Tyler. Terms 25 per cent with order, will be shipped C.O.D. for the balance.

Amur River North Privet, 6 to 12 ins., branched, \$25.00 per 1000; 12 to 18 ins., branched, \$35.00 per 1000.

Redbud, field-grown, 3 to 4 ft., \$30.00 per 100.

Redbud, field-grown, 4 to 5 ft., \$45.00 per 100.

Spiraea Vanhouttei, 2-year, extra-large, 3 to 4-foot plants, \$20.00 per 100.

You can buy with confidence from ROSE HILL FARM, because since 1925 ROSE HILL FARM has grown stock that is just as good as the best. Just make out your order and mail to:

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	Each
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CHERRY TREE SPECIAL

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Two-year, large

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Napoleon, Windsor and
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Growers of Fruit Trees

Since 1882

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WHITNEY'S Super-Refined LAWN SEED**

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BULB PLAN
BRINGS BIG PROFITS
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TENNESSEE CONVENTION

[Continued from page 15]

A new constitution and bylaws which had been proposed at a previous session were adopted, after necessary corrections were made. The association approved a "Plant Tennessee" program, with a committee of nurserymen to be appointed. This group was to cooperate with other organizations in the state in promoting a state-wide program. Richard Jones read a message from Gov. Gordon Browning, in which he stated that he would cooperate in such a program. It was decided to sponsor a "Plant Tennessee" week in the spring to help this program get started.

Officers Elected

After a report from the nominating committee the following new officers were elected: President, Robert W. Boyd, Boyd Nursery Co., McMinnville; vice-president, Jesse Tritschler, Tritschler's Nurseries, Nashville; secretary-treasurer, Tom Faulkner, Faulkner's Mountain View Nursery, Maryville. Elected to the executive committee were A. D. Cartwright, Jr., Cartwright Nurseries, Collierville; John T. Boyd, Forest Nursery Co., McMinnville; W. A. (Billy) Green, Jr., Wilson County Nurseries, Martha, and H. R. Potter, H. R. Potter Nurseries, Joelton.

After being installed, President Boyd announced appointment of the "Plant Tennessee" committee as follows: Jesse Tritschler, Nashville, chairman; Tom Nicholson, Decherd; H. R. Potter, Joelton; Kent McClain, Knoxville; Archie Cultra, Rives; Willard Johnson, Cookeville; Richard H. Jones, Nashville; Buck Allison, White Bluff; George Morehead, Nashville, and C. V. Tibbs, Nashville.

This committee has already arranged a panel discussion radio broadcast on John McDonald's "Noontime Neighbors" program over station WSM, Nashville. Hal Herd, farm page editor of the Nashville Tennessean, covered the convention fully and gave assurance that this paper will cooperate fully in providing publicity.

One of the features of the convention was the beautiful lobby display of a sunken garden by the Nashville nurserymen, in which boxwood and other broad-leaved evergreens, along with potted flowers, were used. The local arrangements committee, headed by Jesse Tritschler, spared no effort to make this convention highly successful.

COVER ILLUSTRATION

Rhus Aromatica

Rhus aromatica is a low, prostrate, wide-spreading and often straggly shrub, native over a wide area of the eastern United States. The plant is not often over three feet in height, the branches almost creeping on the ground, but ascending at the ends. It suckers freely, spreading over wide areas.

The fragrant sumac is native of the territory extending from Vermont and Ontario west to Minnesota and south to Florida and Louisiana. The generic name, *rhus*, is an ancient Greek name, and the specific name, *aromatica*, refers to the aromatic nature of the stems and foliage of the plant. This plant was carried in the trade for many years as *Rhus canadensis*. It was introduced into cultivation in 1759.

The young branches of this plant are rusty hairy. The leaves are borne in three's, nearly sessile, ovate-pointed in shape and rather coarsely toothed. The leaflets are one to two inches in length, quite glossy above and hairy beneath. The orange to scarlet fall foliage color is very attractive.

The flowers are yellowish and small, appearing in late March or April, but are not especially attractive. The young flowers are borne in catkin-like clusters. Staminate and pistillate flowers may be on separate plants or they may be on the same plant. Because of this, not all plants may fruit. The fruits are attractive when produced, borne in terminal clusters, scarlet-red in color, and ripen in late summer.

The fragrant sumac is tolerant of soil and climatic conditions. It will tolerate poor, dry, barren soil or quite moist soil. It is perfectly hardy and is not subject to any serious insects or diseases. Propagation can be accomplished by root cuttings. To assure fruiting plants, take the cuttings from plants which show both types of flowers.

Rhus aromatica will find its use for bank planting, for covering roadside cuts and fills and for mass planting where the fall foliage and fruits will be especially attractive.

L. C. Chadwick.

PRESENTLY engaged in the landscape contracting business at 103 Park avenue, New York 17, N. Y., Theodore F. Stelko has purchased a 237½-acre farm at Bushkill, Pa., on which he plans to grow nursery stock.



● This new colorful window and store display will exhibit WOODRUFF Lawn Seed and related products in the windows and stores of WOODRUFF dealers throughout the nation this season.

These four booklets give the customers of WOODRUFF dealers ample information about lawns and help mightily to sell WOODRUFF Lawn Seed and related products.

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CALIFORNIA ASSOCIATION OF NURSERYMEN

ELMER J. MERZ, Executive Secretary
304 MITAU BUILDING SACRAMENTO 14, CALIF.

LOS ANGELES CHAPTER PLANS CAMELLIA SHOW

Camellias will be the center of attraction when the Los Angeles chapter of the California Association of Nurserymen stages its annual camellia meeting on the evening of February 27, at the Elks' Club at Alhambra, Calif.

Some 200 members and guests of the chapter are expected to attend the meeting to see the hundreds of choice cut flowers that will be displayed by leading southern California growers. As this month marks the camellia midseason, more varieties can be shown than at any other time.

Program chairman Robert E. Weidner, of the Buena Park Greenhouses, Buena Park, Calif., has scheduled an interesting program, with Claude Chidamian, of the department of English of the University of Southern California, as the principal speaker. Mr. Chidamian, who has adopted the study of camellias as a hobby, will speak about "What the Retail Customer Expects When Buying a Camellia Plant." As a non-professional student of the camellia, Mr. Chidamian has published several articles in leading national publications and his recent book, "Camellias and Common Sense," has won wide acclaim. Ed. McNeill.

CENTINELA MEETING

After a week's postponement due to some light showers, 15 members of the Centinela chapter of the California Association of Nurserymen gathered at Scrivner's restaurant, Inglewood, January 24, for an interesting meeting. President Loring Bigelow, Newcoast Nursery, Torrance, read a letter from the state secretary asking that donations for William Clark be sent to the San Fernando chapter of the California association. A thank you card was received from Clinton Peterson, Peterson Bros., Inglewood, thanking the chapter for the thoughtful wedding gift.

President Bigelow also read a letter from Jack Evans, vice-president of the California Association of Nurs-

erymen, urging that a drive for new members be started immediately.

Louis Hammond, Centinela Nursery, Inglewood, will provide the speaker for the next meeting, February 21.

The chapter is indebted to Mrs. Joseph Beeler, Beeler Bros. Nursery, Inglewood, for the beautiful table decorations. Joseph Beeler introduced Jack Mather, who is secre-

AMERICAN NURSERYMAN

tary for the bedding plant chapter and who gave an interesting talk on the marketing order for bedding plants.

Paul Boggus, Sec'y.

CROFT LILY BULB GRADER

Grading of bulbs for Oregon's \$3,000,000 Croft lily industry may someday be done six times faster than by the old hand method, according to a report in the Gazette Times, published at Corvallis, Ore. A machine for grading the bulbs in one-inch increments of circumference has been developed at Oregon State College by John A. McMullen, Corvallis, a former graduate student in agricultural engineering.

The average rate of hand grading

"GOING PLACES" IN A HURRY! CARROUSEL IS BEING SOLD OUT EVERYWHERE



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plants at once. I
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is about five bulbs per minute; with the new machine the rate could be increased to about thirty bulbs per minute. Although field tests of the machine were successful, plans for building it will not be available for some time, according to J. B. Rodgers, head of agricultural engineering at the college.

WASHINGTON STATE NOTES

The Puyallup valley's raspberry industry is threatened by an unknown disease, horticulturists at the western Washington experiment station have announced. G. Lee Matlock, vice-president of the Puyallup Valley Berry Growers' Association, said nearly 300 acres of the 1,200 planted in raspberries have already died out. Check at this time indicates further destruction. Losses have passed the \$500,000 mark to date. The biggest fear is that there is no explanation for the cause of the disease.

M. B. S.



WEEKS WHOLESALE ROSE GROWER

A NAME TO REMEMBER
 for
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BUSHES—CLIMBERS—TREES
 DORMANT—BARE-ROOT ONLY
 WINTER SHIPMENT

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Write for 1952-53 List

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 including AARS Winners

Your Inquiry Is Always Welcome

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SANTA ANA, CALIF.

Oregon Program Profits Retailers

By James A. Doty, Secretary

As President Robert Walker rapped his gavel adjourning the mid-winter meeting of the Oregon Association of Nurserymen, at Portland, January 30 and 31, it became an established fact in the minds of all present that the meetings of this association for the season 1952-53 were going to be highly successful and well worth attending. Extending the usual 1-day meeting into a full 2-day program, President Walker developed an agenda that at all times held the interest of the nurserymen. The attendance at this midwinter meeting set a new record, and it never varied from the opening session to the final announcements at the end of the second day.

Highlighting the first morning was an address by William E. Hammond, division manager of the United States Chamber of Commerce. Speaking on "The Government Can't Give You Anything," Mr. Hammond stated that any democratic cultural advance is founded on the profits of free enterprise. This has been proved from the beginning of time, he said, and it remained for America to bring the cultural advance into its fullest and richest form. He said that the pace apparently became too rapid in the fourth decade of the 1900's, and, instead of turning to private individuals and local groups, people have turned to the government. This built toward a strong central government and a weak people. He reiterated his statement, "The government can't give you anything." It hasn't anything to give you! It can only take from you and give back again.

Mr. Hammond stated that he is worried at this time about a bomb far greater than the A-bomb. The bomb that worries him is the D-bomb (or debt bomb). In picturing the national debt, he illustrated its increase by explaining that a child born about 1900 owed the government \$15. After World War I the figure went up to \$240 and then dropped in the 30's. At the present time the national debt has increased to such a figure that a child born into this country today owes the government the astounding sum of \$2,000. The national debt cannot be wiped out even in 50 to 100 years.

In closing, Mr. Hammond urged

that the people of America stop looking to the government and start doing things for themselves. Otherwise there will arrive that so-called "planned economy," with the government doing everything.

After a well-attended luncheon on the mezzanine floor of the Heathman hotel was shown a series of colored motion pictures obtained and presented to the group by Henry Hausch. It was a short vacation for all present, as each one journeyed through Yellowstone park and Sun valley through the courtesy of the latest releases of the Union Pacific railroad promotion department.

Retail Merchandising

Later in the afternoon, continuing the theme of the retail nurseryman and his problems, P. H. (Jock)

Brydon presented his views on merchandising problems in the retail nursery. Mr. Brydon, who has brought the latest merchandising methods to his one-stop nursery and garden center at Salem, Ore., urged that the retail nurserymen stop worrying about the so-called cutthroat nursery peddler and strive toward building sales and customers through the handling of quality stock and good service.

He urged nurserymen to handle allied lines. Illustrating his point, he said that after he had bought a camera from a camera shop he would naturally return to that shop to buy the film. Likewise, would not a person who had purchased a tree want to buy from the nursery any sprays or other items necessary to care for the tree? Mr. Brydon

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FRUIT and NUT TREES

Grown and Selected especially for the retail
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CARLTON NURSERY CO.

"Over Half a Century"—Since 1890
Forest Grove, Oregon

497 IRISH YEW, *Taxus baccata fastigiata*.

180 GOLD IRISH YEW,
Taxus baccata fastigiata aurea.

286 ENGLISH YEW,
Taxus baccata.

770 GOLD ENGLISH YEW,
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2-yr., field-grown,
2 or 3 times transplanted.

Each in lots of 25 or more

3 to 6 ins. \$0.15

6 to 9 ins.25

9 to 12 ins.35

1200 *Euonymus japonicus*.

1-yr., field-grown.

Each in lots of 25 or more

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2700 *Forsythia fortunei*, 3 to 4 ft.

\$ 4.00 per 10

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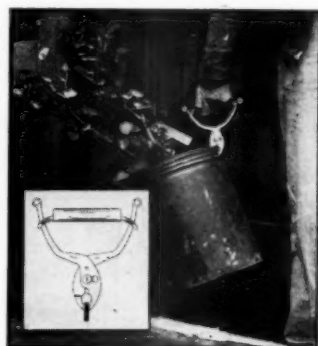
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The new plants-in-cans, coming from more growers than ever this spring, will save you much time and many dollars, IF you also have fast-operating can tools at hand! These two tools will be saving time in thousands of nurseries during the spring rush.

WILL THEY BE SAVING YOUR TIME-DOLLARS?

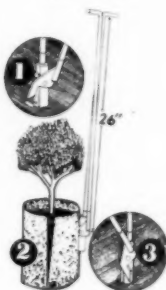
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Serves southern Calif.

WIRE BASKET CO., 921 E. Redondo Blvd., Inglewood, Calif. Serves many towns in northern Calif., Oregon, Nevada and New Mexico. (Write if their trucks do not cover yours.)

VERHALEN NURSERY CO., 12140 Harry Hines Blvd., Dallas, Texas. Serves Texas, Louisiana, Mississippi, Alabama, Oklahoma, Arkansas, Tennessee, Kansas and Missouri.

STYER'S NURSERY, Concordville, Pa. Serves Pennsylvania and Delaware. (Will accommodate other eastern Nurserymen.)

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urged retail nurserymen to merchandise their stock—to show it, name it, price it—to be specific and build confidence; to arrange their stock in the nursery in a satisfactory manner, and to use variety instead of quantity. In closing, he urged closer cooperation between the retail nurserymen to build a strong trade.

Grading and Pricing

To bring a practical aspect of the retail nursery business right to the meeting floor, a discussion was held on the grading and pricing of B&B nursery stock. Presiding over this discussion (with live specimens) was Robert Walker, assisted by John Laing. Mr. Laing emphasized that prices should be relatively uniform and not made at random. They should also be standard among the top-line retailers, establishing a general price range for quality stock to the public. He urged that retailers should have more standardized discounts for such people as landscape contractors or for quan-

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Also Fruit trees	Shade trees
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Field-grown

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2 to 3 canes.....	\$35.00
4 to 5 canes.....	45.00
6 canes and up.....	50.00

Packing at cost.

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(Oregon-Washington Holly-Grape)

A very beautiful evergreen shrub with large glossy leaves and yellow flowers conspicuously appearing in the spring and followed by dark blue berries; a most satisfactory broad-leaved evergreen for any place in the United States.

1-yr. seedlings, field-grown, row run,
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TRANSPLANTS—We are offering this year one-year transplants in Mahonia Aquifolium at \$15.00 per 100.

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**LAKE SAMMAMISH
EVERGREEN NURSERY**

Rt. 1, Box 79 East Stanwood, Wash.

RHODODENDRONS

ESCH NURSERY

4105 S. E. Kelly Street
PORTLAND 2, OREGON

OREGON'S BEST SOURCE OF GOOD ROSES

A complete list of HYBRID TEAS, CLIMBERS, BABIES and FLORIBUNDAS. Also, one of the most complete lists of patent varieties, including the A.-A. R. S. award winners.

SEND FOR OUR LISTS.

EASTERN REPRESENTATIVE:

FRANK C. DONOVAN
130 EAST 233rd ST.
EUCLID 23, OHIO

PETERSON & DERING
ROSE GROWERS
Scappoose, Oregon

KEEPS ROOTS MOIST

* When packing bare roots or deciduous stock for shipment or storage, use Wood Feathers brand cedar shavings (red cedar shingle tow). There are 3 reasons for Wood Feathers' superiority:

1. Large moisture-absorbing capacity.
2. Will retain moisture for a long period of time.
3. Economical and easy to use.

Wood Feathers
BRAND

CEDAR SHAVINGS
P. O. BOX 26 NORTH PORTLAND, ORE.

ROSES—TREE ROSES

A fine selected list including patented varieties. Highest quality—all field-grown.

Write for list and prices.

PACIFIC NORTHWEST ROSE NURSERY
P. O. Box 261 GRESHAM, ORE.

tity sales. The practice of just making random deductions should be eliminated, he felt. In finishing the portion of the program, Mr. Walker and Mr. Laing distributed lists of the live plant materials present and then called for grades and prices from the audience. The results of the on-the-spot pricing will be tabulated and presented in the O. A. N. newsletter later.

Concluding the first day's program was an elaborate buffet dinner followed by music and dancing.

Advertising and Selling

The theme of the second day closely followed that of the first. George P. Griffis, director of plans and merchandising, Pacific National Advertising Agency, presented the essential points in producing an advertisement or doing advertising work. He stated that the correct things that one does in advertising are basically the same things that an individual does for success in any field. Using practical examples of advertisements and showing them to the group, Mr. Griffis said that advertising is nothing more than printed selling—advertising is persuasion. To be successful an advertisement must be done in the right way, at the right time, by the right selling methods.

In concluding, Mr. Griffis said that in advertising one should talk in terms of benefits to the one to whom he is selling and then back up his talk with quality. People are first interested in benefits and personal pride and then in satisfaction.

The topic of effective selling was well covered by N. H. Comish, professor of business administration at the University of Oregon, Eugene. Professor Comish gave an inspiring delivery on selling methods. He cleverly outlined the intricate maneuvers of salesmanship in everyday life and business. He stressed the "you" idea in selling—the appeal to the individual by talking of him or about him. In summing up his talk on salesmanship, he outlined the main headings of a complete successful selling job. They are approach, salutation, customer viewpoint, knowledge of merchandise, selling appeal, overcoming objections, additional sales and customer satisfaction.

Concluding the meeting, was a report and general discussion on market development and publicity in Oregon. The state chairman of this program, Wayne Melott, urged state-wide cooperation in developing the market development and publicity program. He reviewed the

SHADE TREE LINERS

- | | |
|---------------------------------------|--|
| 350 Pyramidal Linden, 4 to 5 ft., br. | 340 Red Maple (<i>Acer rubrum</i>), 3 to 4 ft., br. |
| 220 Pyramidal Linden, 3 to 4 ft., br. | 410 Red Maple (<i>Acer rubrum</i>), 3 to 4 ft., whip |
| 600 Norway Maple, 4 to 5 ft., whip | 230 Eur. Mountain Ash, 4 to 5 ft., br. |
| 1500 Norway Maple, 3 to 4 ft., whip | 90 Eur. Mountain Ash, 6 to 7 ft., whip |
| 290 Schwedler Maple, 4 to 5 ft., whip | 290 Eur. Mountain Ash, 5 to 6 ft., whip |
| 230 Schwedler Maple, 3 to 4 ft., whip | 180 Eur. Mountain Ash, 4 to 5 ft., whip |

Also Pink and White-flowering Almond and Flowering Peach in Variety. Write for prices. Eastern combination cars until March 1.

A. MCGILL & SON

Fairview, Oregon

plans of the association for open house at the nurseries. This day of open house would be for the purpose of a "pass in review" before the public. It would not be a sales day, but a day of strict market development and favorable publicity—a step forward in building more respect for the trade and toward laying the foundation for a healthy profitable trade. Mr. Melott assured the members present that the Oregon newspapers and radio stations had assured full cooperation in this program.

TRANSPLANTER FOR ROSES

Twenty-five rose growers at Tyler, Tex., recently witnessed a demonstration of the Holland transplanter, until now used in the planting of tree seedlings and vegetable plants, adapted to the transplanting of rose cuttings. The demonstration occurred at experimental substation No. 2, in Smith county. Alterations can be made in the machine at a cost of only \$15, it is estimated. The adapted machine promises to be a major timesaver, reducing the transplanting operation by as much as 50 per cent and providing a less expensive method of doing the work. Rose cuttings were transplanted at a rate of 4,500 per hour, comparing favorably with the 3,000 per hour that a skilled hand planter can do. Substation officials compute a saving to the grower of \$30 per day by the use of this machine.

MAURICE VAN ZANTEN'S azaleas from his Lynden acres were featured in a full-page advertisement by the National Bank of Commerce in the December 4 issue of the Seattle Post Intelligencer.

OWNER Harold Bliss has built a new salesroom at Bliss Nursery, Yucaipa, Calif.

PORTLAND WHOLESALE NURSERY CO.

306 S. E. 12th AVENUE

Avery H. Steinmetz
Paul E. Van Allen

PORTLAND 14, OREGON

"Surplus Lists are being issued regularly. Suggest writing us immediately if you want your name on our mailing list."

Quality Stock

CONIFERS AND BROAD-LEAVED
EVERGREENS
SHADE AND FLOWERING TREES
FRUIT TREE SEEDLINGS
FRUIT TREES
DECIDUOUS SHRUBS
VINES AND BULBS
PORTLAND ROSES
NURSERY SUPPLIES

Write for our Catalog

PACIFIC COAST NURSERY

2244 N. Skidmore Ct. PORTLAND 11, OREGON

Pioneering Seedling Growers on
the Pacific Coast Since 1914.

Specializing in Fruit Tree Seedlings and
Shade and Flowering Trees.

French Apple Seedlings, Str. and Br.
Domestic Apple Seedlings, Str. and Br.
Bartlett Pear Seedlings, Str. and Br.
Usuriensis Pear Seedlings
Mahaleb Cherry Seedlings
Mazzard Cherry Seedlings
Myrobalan Plum Seedlings
American Plum Seedlings
Angers Rooted Quince Cuttings
English Privet Cuttings

John Holmason & Sons, Props.

DOTY & DOERNER, Inc.

6691 S. W. Capitol Highway

Portland 1, Oregon

Wholesale Growers
of
General Nursery Stock

MILTON NURSERY CO.

MILTON Since 1878 OREGON

Flowering, Ornamental and
Shade Trees

Oregon and Washington-grown
Fruit Tree Seedlings

Angers Quince
Rooted Cuttings

Our Combination Carlots to
Eastern Distributing Points assure
minimum transportation cost.

NORWAY MAPLE WHIPS

	100 to	250 to
	250	1000
Transplants.	Each	Each
4 to 5 ft.	\$0.45	\$0.43
3 to 4 ft.	.35	.33

CHINESE ELM SEEDLINGS

	Per 1000
3 to 4 ft.	\$60.00
2 to 3 ft.	\$5.00

WASHINGTON NURSERIES

TOPPENISH, WASH.

CLASSIFIED ADS

Rate: 30 cents per line, each insertion.

Minimum order, \$3.00

Instructions for the next issue must be received by Monday, February 18.

AZALEAS

AZALEAS.

Hinodegirl and a few other Kurumes remain unsold. Nice bushy plants. Prices of most Kurumes, packing additional:

	Each	Each
8 to 10 ins.	\$1.10	\$0.90
10 to 12 ins.	1.35	1.15
12 to 15 ins.	1.75	1.50

Add 10c per plant for burlap wrapping.
Send for complete list of Azaleas, Broad-leaved Evergreens, Shrubs, Trees, etc.
The TANKARD NURSERIES
Exmore, Va.

AZALEAS

Strong, 2-yr., bed-grown plants, ready for immediate delivery.

\$120.00 per 1000.

Coral Bells	Pride of Mobile
Hinodegirl	Snow
Pink Pearl	Sweetheart Supreme

STEPHENS NURSERIES
Semmes, Ala.

AZALEA MOLLIS.

Branched, with buds, 8 to 12 ins., bare root, from spaced plantings. 55c each per 50 or more; 50c each per 300 or more. Cash with order. Light weight, expert crating free.

RICHARD P. RESEL, Mulino, Ore.

AZALEA MOLLIS SEEDLINGS.

1-yr., \$5.00 per 100; \$40.00 per 1000.
JOHN WIGMORE, 50 Norman Ave., Riverside Park, Riverside, N. J.

BERRY PLANTS

CULTIVATED HYBRID BLUEBERRIES.

Certified by N. J. D. A. and U. S. D. A.

Heavy-rooted Cuttings.

	Per 100	Per 1000
Concord	\$ 8.00	\$ 75.00
Jersey	8.00	75.00
Cabot	8.00	75.00
Rubel	8.00	75.00
Stanley	10.00	95.00
Pemberton	10.00	95.00
Weymouth	15.00	140.00
Dixi	15.00	140.00

Orders packed free. Express collect.

NORCROSS BLUEBERRY NURSERY
Mount Holly Ave., Mount Holly, N. J.

SCHWAB GOOSEBERRIES AND CERTIFIED LATHAM RASPBERRIES.

Schwab Gooseberries, new seedling (world's largest Gooseberry), 20 yrs. under test, berries often 1 1/2 ins. in diameter, highest quality, hardy, very productive, very sweet, 2-yr., light, \$7.50 per 1-yr., heavy, \$6.50 per 10; bearing size, \$10.00 per 10. Latham Raspberries, No. 1 heavy, \$75.00 per 1000. 5 per cent discount for cash on all stock or free baling. Plants that die replaced at half price.
SCHWAB FRUIT FARM & NURSERY
220 N. Fifth St., Mankato, Minn.

STRAWBERRY PLANTS—Hardy, northern-grown, state inspected and true-to-name. All plants come from new patches set in spring, 1951. Everbearing varieties, prices per 1000. Gem, \$10.00; Superfection, \$15.00; Streamliner, \$16.00; Progressive, \$15.00.

One crop varieties, all \$10.00 per 1000: Dunlap, Dorsett, Catskill, Arrowhead, Improved Marshall, Blakemore and Robinson.
RED RASPBERRIES—Latham and Newburgh, No. 1, \$40.00 per 1000.

McNEAL BERRY NURSERY
Hamilton, Mont.

CERTIFIED STRAWBERRY PLANTS.

Grown on first year, new ground. Under the instructions of the State Department of Agriculture. Nice large plants, suitable for counter sales. Satisfaction, or your money refunded. Blakemore, Missionary, \$4.50 per 1000; Robinson, Dunlap, Sparkle, Premier, Tenn. Beauty, Tenn. Shipper, Tennessee, \$5.50 per 1000; Gem, Streamliner, \$10.00 per 1000; Superfection, \$15.00 per 1000.

ROMINES PLANT FARM, Dayton, Tenn.
Phone: 241-W

RASPBERRIES

	Per 1000
Latham Red, No. 1	\$50.00
Cumberland, tips	30.00
Bristol, tips	35.00
Potomac, purple tips	50.00
Potomac, transplants	80.00
Sodus, purple tips	50.00

Indian Summer, transplants, \$8.00 per 100.
Indian Summer, No. 1, \$6.50 per 100.

C. H. BENEDICT, Grand Junction, Mich.

EVERBEARING STRAWBERRY PLANTS.

Northern-grown, disease free, true-to-name varieties. All plants are new, 1-yr. setting, heavy rooted, well packed to arrive in good condition.

	Per 1000
Gems	\$10.00
Streamliner	15.00
Superfection	15.00
Utah Centennial	30.00

Newburgh and Latham Raspberry plants, No. 1, 1-yr., \$35.00 per 1000.

DAVIS PLANT FARM, Hamilton, Mont.

SMALL FRUIT PLANTS.

	Per 100	Per 1000
Concord Grape, 1-yr., No. 1	\$6.00	\$60.00
Fredonia Grape, 1-yr., No. 1	6.00	40.00
Cumberland Raspberry, 1-yr.	4.50	35.00
Latham and Sunrise Raspberry, 1-yr., No. 1	4.50	35.00
Boysenberry, thornless, No. 1	4.50	35.00
Boysenberry, thorny, No. 1	4.50	35.00
Youngberry, thorny, No. 1	3.50	30.00

Delivery any time.

BASHAM NURSERY Mountainburg, Ark.

STRAWBERRY PLANTS—Double inspected, northern-grown Dunlap, Beaver, Blakemore, \$7.50 per 1000; 10,000 up, \$7.00 per 1000. Premier, Giant Robinson, Bellmar, \$9.00 per 1000; 10,000 up, \$8.00 per 1000. Giant Gem, Streamliner, Minnesota, 116c. Everbearing, \$16.00 per 1000; 10,000 up, \$15.00 per 1000. These are young, healthy, fresh-dug plants guaranteed to reach you in good growing condition.

IOWA NURSERY, Farmington, Ia.

GIANT CULTIVATED BLUEBERRY PLANTS

Rancocas, Concord, Rubel, Jersey, Stanley, 1-yr., rooted cuttings, 3 to 8 ins., 9c ea. Pemberton, Burlington, 1-yr., 3 to 8 ins., 10c ea. Weymouth, Dixi, 1-yr., 3 to 8 ins., 15c ea.; 2-yr., 12 to 18 ins., 30c ea.

Stock carefully graded and counted.
Transportation extra on all orders.
WILLIAM F. VOLK, Browns Mills, N. J.

STRAWBERRIES.

	Per 1000
Gem (Everbearing)	\$12.50
Premier	11.50
Fairfax	11.50
Robinson	10.00
Dunlap	9.00

ROBERTS STRAWBERRY NURSERY
R. R. 7, Kalamazoo 86, Mich.

STRAWBERRY PLANTS.

Blakemore, \$4.50 per 1000; Missionary, \$5.00 per 1000; 100 postpaid, \$1.50. Tenn. Beauty, \$7.00 per 1000; 100 postpaid, \$2.00.

WARREN H. LACKEY, Harrison, Tenn.

BLUEBERRY PLANTS—Commercial grower, specializing in cultivated, improved hybrids. For wholesale prices write: HARTMAN'S PLANTATION, Grand Junction, Mich.

BLUEBERRIES.

Plants and Propagating Wood.
Reliable Service.
J. R. SPELMAN CO.
Covert, Mich.

BULBS and TUBERS

BELGIUM BEGONIAS.

Finest Imported.
All double Camellia-flowering type.
1 1/4 to 1 1/2 ins. circ.

	Per 100
2000 Bright red	\$ 6.50
2000 Deep scarlet	6.50
2000 Pink	6.50
2000 Orange	6.50
2000 Salmon	6.50
2000 Copper	6.50
2000 Yellow	6.50
2000 White	6.50

All Jumbo, 2 to 3 ins. circ.

5000 Deep scarlet	12.00
5000 Bright red	12.00
5000 Orange	12.00
5000 Copper	12.00
5000 Pink	12.00
5000 Yellow	12.00
5000 Salmon	12.00

VARIOUS VARIETIES.

250 flmbriata, 1 1/4 to 2 1/2 ins.	12.00
250 pendula, hanging basket type, 1 1/4 to 2 1/2 ins.	13.00
250 Rosebud, resembling rosebuds, 1 1/4 to 2 1/2 ins.	13.00

HILL GARDENS

P. O. Box 761, Kalamazoo, Mich.

DAHLIA PRICE LIST.

LARGE-FLOWERING TYPE.

	Each
Avalon (Yellow)	\$0.12
Blue Jersey (Lavender)	.18
Bronze Ball (Bronze)	.12
Gallant Fox (Red)	.19
Golden Eclipse (Yellow)	.15
Imp. Gold Medal (Red and Gold)	.18
Imp. Francis La Rocco (Yellow)	.15
Jean Kerr (White)	.09
Jersey Beauty (Pink)	.12
Kentucky (Orange)	.18
Le Toreador (Scarlet)	.12
Michigan White (White)	.18
Mrs. Albin (Golden-yellow)	.15
Mrs. Geo. Le Boutillier (Velvet Carmine)	.12
Mrs. I. de Ver Warner (Lavender)	.18
Mrs. Kunzman (Orange and Brown)	.15
New York Market (White and Lavender)	.15
Supt. Amhryn (White and Magenta-rose)	.14
Watchung Giant (Deep Yellow)	.12
White King (White)	.14

MINIATURE FLOWERING.

Dutch White (White)	.12
Ike (Red)	.12
Lemon Drop (Yellow)	.15
Golden Queen (Yellow)	.10
White Fawn (White)	.10

POM POM FLOWERING.

Bronze Beauty (Bronze and Gold)	.10
Cardinal (Red)	.16
Catherine (Yellow)	.10
Golden Queen (Yellow)	.10
Little Herman (White and Red)	.10
Mary Munns (Lavender)	.10
Morning Mist (Lavender and White)	.10
Yellow Gem (Yellow)	.12
Youlette (Yellowish-bronze)	.12

Minimum order, \$5.00.

Not less than 10 of a variety.

LOUIS DANK

1170 Broadway, New York, N. Y.

BELGIUM GLOXINIAS.

FINEST MONEY CAN BUY.

Top-size bulbs are always scarce, so order early.

1 1/2 to 1 3/4 ins. circ.

	Per 100
250 Emperor Frederick, red throat, white border	\$12.00
250 Emperor Wilhelm, blue throat, white border	12.00
250 Etoile de Feu, red	12.00
250 Roi des Rouge, dark red	12.00
250 Defiance, scarlet	12.00
250 Blanc de Meru, white throat, pink border	12.00
250 Queen Wilhelmina, pink-violet	12.00
250 Prince Albert, deep violet-blue	12.00
250 Mont Blanc, white	12.00
250 Defiance, mixed, spotted	12.00
500 All colors, choice mixed	11.50

TOP-SIZE GLOXINIAS.

1 1/2 to 2 1/4 ins. circ.

1000 Emperor Frederick, red throat, white border	18.00
1000 Emperor Wilhelm, blue throat, white border	18.00
500 Etoile de Feu, red	18.00
500 Roi des Rouge, dark red	18.00
500 Defiance, scarlet	18.00
500 Blanc de Meru, white throat, pink border	18.00
500 Queen Wilhelmina, pink-violet	18.00
500 Mont Blanc, white	18.00
500 Prince Albert, deep violet-blue	18.00
250 Tigrana, spotted, mixed	18.00
2000 Special mixed	18.00

P. O. Box 761, Kalamazoo, Mich.

TUBEROUS-ROOTED BEGONIAS.

8 colors, giant-flowering double Camellia.

	Per 100	Per 1000
1 1/4 to 1 1/2 ins.	\$ 6.00	\$ 60.00
1 1/2 to 2 ins.	9.50	80.00
2 ins. up	13.00	110.00

GLOXINIAS

The best commercial varieties.

Per 100 Per 1000

1 1/4 to 2 ins.	\$13.50	\$120.00
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Minimum order, \$5.00.

LOUIS DANK

1170 Broadway, New York, N. Y.

GLADIOLUS BULBS—50 best varieties.

Write for low price list. Plenty of planting stock.

EDWARD GORZINSKI NURSERY

Rt. 1, Powers, Mich.

Complete line of CALLA LILY BULBS and HARDY JAPANESE LILIES. Your inquiries solicited.

BERKERY, Inc.

62 Reader St. New York 7, N. Y.

CANNAS.

	Per 100	Per 1000
30,000 The President, green foliage, bright red flowers, dwarf.....	\$5.00	\$42.00
3000 Firebird, green foliage, large red, dwarf.....	5.00	42.00
8000 Rosamond Coles, green foliage, large red, golden edge.....	5.00	42.00
4000 Red Dazzler, green foliage, tall dark red.....	5.00	42.00
6000 City of Portland, green foliage, beautiful pink, medium height.....	5.00	42.00
4000 Hungaria, green foliage, large dark pink dwarf.....	5.00	42.00
3000 Copper Giant, green foliage, large salmon-pink, tall.....	5.00	42.00
6000 New Pink Gem, green foliage, large, medium height.....	5.00	42.00
2000 Richard Wallace, green foliage, solid yellow, dwarf.....	5.00	42.00
20,000 Yellow King Humbert, green foliage, yellow with red spots.....	5.00	42.00
4000 King Midas, green foliage, yellow with red dots, dwarf.....	5.00	43.00
20,000 King Humbert, bronze foliage, large, light red, tall.....	5.00	42.00
4000 Shenandoah, bronze foliage, large dark pink, dwarf.....	5.00	42.00
4000 Wyoming, bronze foliage, large orchid dark orange, medium height.....	5.50	45.00

HILL GARDENS

P. O. Box 761, Kalamazoo, Mich.

IOWA-GROWN GLADIOLI.

Per 1000—Nos. 1 2 3

King Lear.....	\$18.00	\$15.00	\$12.00
Elizabeth the Queen.....	18.00	15.00	12.00
Valeria.....	18.00	15.00	12.00
Vagabond Prince.....	18.00	15.00	12.00
Red Charm.....	18.00	15.00	12.00
Margaret Fulton, No. 1.....	\$11.00;	No. 2, \$7.00;	No. 3, \$5.00;
No. 4, \$3.00;	No. 5, \$2.00;	No. 6, \$1.00;	Pkg. bblts., \$4.00.
Maid of Orleans, No. 1.....	\$12.00;	No. 2, \$8.00;	No. 3, \$6.00;
No. 4, \$4.00.	Token, No. 1, \$12.00;	No. 2, \$8.00;	No. 3, \$6.00;
No. 4, \$4.00;	No. 5, \$2.00;	Pkg. bblts., \$5.00.	
Gardenia, No. 1, \$12.00;	No. 2, \$8.00;	No. 3, \$6.00;	No. 4, \$4.00;
No. 5, \$2.00.	Rosa van Limon, No. 1, \$12.00;	No. 2, \$8.00;	No. 3, \$6.00;
No. 4, \$4.00.	Special closing out sale of Florists' Supermix, 17 varieties, No. 1, \$10.00;	No. 2, \$8.00;	No. 3, \$6.00;
No. 4, \$4.00;	No. 5, \$2.00.		

IOWA NURSERY, Farmington, Iowa

SINGLE MEXICAN EVERBLOOMING

TUBEROSES.

Per 100 Per 1000

4000.....	\$5.00	\$42.00
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DOUBLE TUBEROSES.

The Pearl.

Per doz. Per 100

1000 1 1/2 to 2-in.....	\$1.75	\$12.00
1000 2 to 2 1/2-in.....	2.00	15.00
1000 2 1/2 to 3-in.....	2.75	20.00
1000 Jumbos, 3 to 3 1/2-in.....	4.00	30.00

CALADIUM ESCULENTUM.

Elephants Ears.

Per 100 Per 1000

1000 7 to 9 in. circ.....	2.00	14.00
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P. O. Box 761, Kalamazoo, Mich.

FANCY-LEAVED CALADIUMS.

Named varieties. Best brilliant commercial varieties, disease free.
Specially priced for bulbs of this fine quality.

Per 100

No. 2, 1 to 1 1/2 in.....	\$12.00
No. 1, 1 1/2 to 2 1/2 in.....	18.00
Jumbo, 2 1/2 to 3 1/2 in.....	24.00
Mammoth, 3 1/2 in. up.....	30.00

LOUIS DANK

1170 Broadway, New York, N. Y.

Per 100

Amaryllis, Early-flowering Hybrids.....	\$50.00
Amaryllis liliacea (Hardy).....	30.00
Amaryllis formosissima (Sprekelia).....	35.00
Amaryllis amazonica (Eucharis).....	60.00
Zephyranthes, in 3 colors.....	6.00
Calla, Albo maculata.....	15.00

J. HENDRIKS, Grower, Portage, Mich.

IRIS.

SIBERIAN IRIS, CAESAR'S BROTHER.
Very deep pansy-purple; wonderful cut flower.

Per 100 Per 1000

\$2.00 per 10; \$15.00 per 100; \$100.00 per 1000.	
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As for complete list of Iris.

VITTNER'S GARDENS

Sta. A Manchester, Conn.

GLADIOLUS BULBS.

We have 80 varieties of Gladiolus bulbs to offer at wholesale. A post card will bring our listings.

KROH BROS. NURSERIES

Loveland, Colo.

Write for complete list of Lilies, Tuberoses, Cannas, Gloxinias, Begonias, Amaryllis, Gladioli, Dahlias, Peonies, Bleeding Hearts, etc.

MONARCH PLANT FARMS

Lock Box 826, Kalamazoo, Mich.

HARDY MICHIGAN-GROWN LILY BULBS.
Auratum, 7 to 9, \$30.00; 8 to 10, \$38.00 per 100.
Rubrum, 8 to 9, \$30.00; 9 to 11, \$40.00 per 100.
Immediate delivery.

New rare, scarce and unusual, as well as standard varieties. Send for your free copy.
New wholesale list now ready.
J. HENDRIKS, Grower, Portage, Mich.

HEMEROCALLIS.

Dr. Regel, Kwanso, Mikado.
\$2.00 per 10; \$15.00 per 100; \$100.00 per 1000.

Hyperion.

\$3.00 per 10; \$25.00 per 100.
Complete perennial list on request.

VITTNER'S GARDENS

Sta. A Manchester, Conn.

CAMELLIAS

TORMEY'S CAMELLIAS IN POTS.

All over 1 1/4 years old.
The very best to be found anywhere.
Packed free and shipped 50 plants in a case.
On orders for 3 or more cases, WE PAY THE EXPRESS. Order only in multiples of 50 and not less than 10 of any one variety. Cash with order. No C.O.D.'s, please.

Group No. 1

5 to 8 ins., \$3.75 per 10; 8 to 12 ins., \$4.50 per 10.
Alba Plena, Blood of China, Casablanca Pink, Chanderli Elegans, Colonel Frey, Daikagura Var., Debutante, Emp. of Russia, General Patton, Hermo, Kumasaka, Lady Clare, Pink Perfection.

Group No. 2

5 to 8 ins., \$4.75 per 10; 8 to 12 ins., \$5.50 per 10.
Casablanca White, Chanderli Francine, Daikagura Red, Duchess of Sutherland, Glen 40, Mathotiana, Pax, Red Perfection.

Group No. 3

5 to 8 ins., \$5.75 per 10; 8 to 12 ins., \$6.50 per 10.
High Hat Daikagura, Magnoliaeflora, Margarete Hertrich, Martha Brice, King Lear, Dearest.
Send for lists of other sizes—we can furnish larger plants up to specimen sizes, with buds. Free copy of "Growing Camellias" for profit.

TORMEY'S

Drawer 428, Temple City, Calif.

Container-grown Camellias exclusively.

For 15 years.

"The Best from the Far West."

CAMELLIAS

Clean, vigorous stock from lath house.

	6 to 8 ins.	8 to 12 ins.	12 to 15 ins.
Alba Plena.....	\$0.30	\$0.40	\$0.50
Brilliant.....	.30	.40	.50
Chanderli Elegans.....	.40	.50	.60
Debutante.....	.60	.75	.90
Gloire de Nantes.....	.25	.30	.40
Hermes.....	.30	.40	.50
Pink Perfection.....	.30	.40	.50
Prof. Sargent.....	.30	.40	.50
Sarah Frost.....	.20	.25	.35

STEPHENS NURSERIES

Semmes, Ala.

CAMELLIAS.

CHOICE VARIETIES IN

4-in. pots, 12 to 16 ins., 50c each.

WELL GROWN PLANTS.

1-yr. transplants from 2 1/2-in. pot liners.

WRITE FOR ILLUSTRATED PRICE LIST.

DESCANSO DISTRIBUTORS, Inc.

P. O. Box 518, Chino, Calif.

Many standard and rare varieties of excellent Camellia japonica and assanqua from 2 1/2-in. pots with top growth of 8 to 12 in. and 8 to 12 in. 1 and 2-yr.-old Camellia liners at very reasonable prices. Write for our wholesale price list.

COTTAGE HILL NURSERY

T. Kiyono, Mgr.

Route 4, Box 130 Mobile, Ala.

CHRYSANTHEMUMS

THREE SUPERB NEW

UNIVERSITY OF NEBRASKA MUMS.

Rooted cuttings. Per 100

ARAPAHOE (1952). Huge 3 to 5-in. flowers of a rich red. Long stemmed 36-in. plants. A spectacular sight from Sept. 15 on. \$22.00

LESHARA (1952). Heavily branched 30-in. plants, sprays of mulberry red flowers with old rose overtones. Early Sept. 20.00

WHITE CLOUD (1951). Long stemmed, 3 to 5-in. white flowers from mid-August on. The finest white garden mum. A must! 12.00

All ready now. 25 at 100 rate.

Complete list on request.

FLEMING'S FLOWER FIELDS

3100 Leighton Ave., Lincoln, Nebr.

HARDY MUMS

Send for Our Complete List.

ENGLERTH GARDENS

4652 S. Division Ave., Grand Rapids, Mich.

FAIRVIEW HARDY MUMS—Order your

1952 Sure-to-Bloom Mum list today.

FAIRVIEW NURSERY, Coon Rapids, Ia.

CHRYSANTHEMUMS

LEGIONNAIRE AND AMVET

(Corliss Originations).

2 MORE GREAT, NEW, HARDY MUMS

Fine companions to our "General" Mums.

LEGIONNAIRE is a gay, sparkling yellow double.

AMVET is a superb double white with inner rays of gold.

Both are early and long-flowering, very hardy, and fine for cutting.

ROOTED CUTTINGS (ea. kind), \$30.00 per 100.

POT or Banded Plants (ea. kind), \$6.00 per 12; \$40.00 per 100.

GENERAL MARSHALL. Deep old rose-purple and gold.

GENERAL MACARTHUR. Glowing coppery-red.

GENERAL BRADLEY. Apricot, pink and buff.

ROOTED CUTTINGS (ea. kind), \$25.00 per 100; \$225.00 per 1000.

POT PLANTS (ea. kind), \$5.40 per 12; \$35.00 per 100.

Cuttings ready after March 1; plants after April 1.

Write for our 1952 Wholesale Perennial List featuring them in color, and listing other choice Mums and top perennials.

CORLISS BROS. Inc., NURSERIES

1 Reynard St., Gloucester, Mass.

Fine hardy field-grown Mum divisions from cool mile-hi Denver, Colo.

20 at 100 rate. Minimum order, \$5.00.

Per 100

Hidatsa, low red cushion.....\$5.00

Yellow or Bronze Cushion.....5.00

Yellow Supreme, fine, yellow.....5.00

Mahogany Cushion, jasper red.....5.00

high cushion.....5.00

Champion Cushion, deep bronze.....5.00

Dahliaum, wine-red, 16 ins.....5.00

Sonia, purple, high cushion type.....5.00

Harbinger, bronze-yellow, cut fl.....5.00

Algonquin, butter yellow, cut fl.....5.00

Leda, huge heliotrope, pink, Eng.....5.00

Many other MUM varieties, same price.

Also other perennials. Send for price list.

Cash, please, or 50 per cent on C.O.D.

BILL'S NURSERY

1057 Cook St., Denver 6, Colo.

"COLORFUL GARDEN MUMS."

Our 1952 catalog listing of cuttings and banded plants. Test-proven varieties plus enticing new mums for 1952. Best in hardy garden mums developed by leading American and European hybridizers. We propagate exclusively for greenhouses, nurserymen, landscapers, garden centers and cut flower growers. Order "Colorful Garden Mums," today.

Also, select perennial list.

PRAIRIE SOUTHWEST FLORETUM

Fall River, Kan.

EVERGREENS

SEEDLINGS FOR SPRING

Per 100 Per 1000

Scotch Pine.....

2-yr., 4 to 8 ins.....\$5.00 \$25.00

2-yr., 2 to 4 ins.....3.00 15.00

2-yr., 1 to 2 in.....2.00 10.00

(Riga), 2-yr., 4 to 8 ins.....6.00 30.00

(Riga), 2-yr., 2 to 4 ins.....4.00 20.00

Austrian Pine.....

2-yr., 4 to 6 ins.....5.00 25.00

2-yr., 2 to 4 ins.....3.00 15.00

American Red Pine.....

3-yr., 5 to 10 ins.....9.00 45.00

2-yr., 2 to 5 ins.....5.00 30.00

White Pine.....

4-yr., 6 to 14 ins.....7.00 35.00

2-yr., 3 to 6 ins.....5.00 25.00

Ponderosa Pine.....

2-yr., 4 to 6 ins.....4.00 20.00

Mugho Pine (Dwarf).....

2-yr., 2 to 4 ins.....5.00 25.00

Norway Spruce.....

3-yr., 5 to 10 ins.....8.00 40.00

2-yr., 2 to 5 ins.....4.00 20.00

White Spruce.....

3-yr., 4 to 8 ins.....8.00 40.00

2-yr., 2 to 4 ins.....4.00 20.00

Colorado Blue Spruce.....

3-yr., 3 to 7 ins.....8.00 40.00

2-yr., 2 to 4 ins.....5.00 25.00

2-yr., 3 to 5 ins.....6.00 30.00

American Arborvitae.....

4-yr., 8 to 14 ins.....9.00 45.00

3-yr., 4 to 8 ins.....7.00 35.00

2-yr., 2 to 4 ins.....5.00 25.00

Cash; or 25 per cent deposit with order, balance C.O.D. 5 per cent discount on quantities of 25.00.

SAM DIBLE NURSERY, Shelcta, Pa.

TRANSPLANTS—Junipers from pots and bedded one year. Chinensis stricta, 8 to 10 ins.; Communis, 18 ins.; Fastigiata, 12 to 15 ins.; Andorra, 12 ins.; Mascula, 10 ins.; Sabina, 8 to 10 ins.; Sylvestris, 10 to 12 ins.; von Ehron, 12 to 15 ins.

Limited quantities. Cash.

BIRMINGHAM NURSERIES

Birmingham, Ala.

EVERGREENS—Continued

LINING-OUT LIST
JANUARY, 1952
PRICES SUBJECT TO CHANGE
WITHOUT NOTICE.

We are offering all potted liners listed at a slight added cost for shipment in new Bird paper pots, as per prices quoted in the first column.

Potted liners priced in the second column will be packed by the ordinary method used by most nurseries without the added protection of Bird paper shipping pots.

All bare-root liners and also all liners offered in Bird Vita-Bands are priced in the second column.

The 1950 rate applies on all orders; therefore, please order in multiples of 25 or more.

Each per 1000	In paper pots	Without pots
<i>Biota aurea</i> nana, Berckmans.		
3 to 4-in. liners.....	\$0.15	
6 to 8-in. liners.....	.17	
8 to 10-in. liners.....	.18	
2 1/2-in. pots.....	\$0.17	.16
2 1/2-in. pots.....	.18	.17
6 to 8 ins., TTT, field-grown.....	.40	
8 to 10 ins., TTT, field-grown.....	.45	
<i>Biota aurea</i> pyramidalis compacta.		
2 1/2-in. pots.....	.20	.19
<i>Biota bonita</i>		
4 to 6-in. liners.....	.12	
2 1/2-in. pots.....	.16	.15
2 1/2-in. pots.....	.17	.16
<i>Biota bakeri</i>		
4 to 6-in. liners.....	.10	
6 to 8-in. liners.....	.12	
8 to 10-in. liners.....	.14	
2 1/2-in. pots.....	.14	.13
2 1/2-in. pots.....	.15	.14
8 to 12 ins., TTT, field-grown.....	.35	
12 to 18 ins., TTT, field-grown.....	.40	
<i>Biota excelsa</i>		
6 to 8-in. liners.....	.15	
8 to 10-in. liners.....	.16	
2 1/2-in. pots.....	.19	.18
<i>Biota sibirica</i>		
3 to 4-in. liners.....	.10	
4 to 6-in. liners.....	.12	
6 to 8-in. liners.....	.15	
8 to 10-in. liners.....	.16	
2 1/2-in. pots.....	.18	.17
2 1/2-in. pots.....	.19	.18
<i>Cedrus deodara</i>		
4 to 6-in. liners.....	.10	
6 to 8-in. liners.....	.12	
2 1/2-in. pots.....	.19	.18
heavy, 12 to 18 ins.....	.20	
heavy, 12 to 18 ins.....	.20	
8 to 12 ins., TTT, field-grown.....	.35	
12 to 18 ins., TTT, field-grown.....	.40	
<i>Cedrus libani</i>		
2 1/2-in. pots.....	.21	.20
<i>Cupressus fastigiata</i> worthiana.		
Narrow Column Italian Cypress.		
2 1/2-in. pots.....	.22	.21
2 1/2-in. pots.....	.23	.22
<i>Juniperus chinensis</i> pfitzeriana.		
3 to 4-in. liners.....	.10	
4 to 6-in. liners.....	.12	
6 to 8-in. liners.....	.15	
2 1/2-in. pots.....	.17	.16
6 to 8 ins., TT, bed-grown.....	.18	
8 to 10 ins., TT, bed-grown.....	.20	
10 to 12 ins., TT, bed-grown.....	.22	
8 to 12 ins., TTT, field-grown.....	.35	
<i>Juniperus chinensis</i> pfitzeriana compacta.		
4 to 6-in. liners.....	.12	
6 to 8-in. liners.....	.14	
2 1/2-in. pots.....	.19	.18
2 1/2-in. pots.....	.20	.19
8 to 10 ins., TT, BR.		
bed-grown.....	.22	
<i>Juniperus chinensis</i> pfitzeriana nana.		
6 to 8-in. liners.....	.10	
2 1/2-in. pots.....	.24	.23
2 1/2-in. pots.....	.25	.24
<i>Juniperus chinensis</i> albobariegata.		
White Spot Juniper.		
2 1/2-in. pots.....	.20	.19
2 1/2-in. pots.....	.21	.20
<i>Juniperus chinensis</i> pyramidalis compacta.		
4 to 6-in. liners.....	.16	
6 to 8-in. liners.....	.18	
8 to 12-in. liners.....	.20	
<i>Juniperus chinensis</i> sylvestris.		
2 1/2-in. pots.....	.19	.18
2 1/2-in. pots.....	.20	.19
<i>Juniperus chinensis</i> viridifolia.		
densa glauca.		
2 1/2-in. pots.....	.24	.23
2 1/2-in. pots.....	.25	.24
<i>Juniperus chinensis</i> fortunei.		
2 1/2-in. pots.....	.24	.23
2 1/2-in. pots.....	.25	.24
<i>Juniperus excelsa</i> stricta.		
2 1/2-in. pots.....	.17	.16
3-in. pots, extra-heavy caliper, suitable for understocks.....	.25	.24
<i>Juniperus glauca</i> hetzi.		
6 to 8-in. liners.....	.17	
2 1/2-in. pots.....	.18	.17
<i>Juniperus communis</i> columnaris compacta.		
6 to 8-in. liners.....	.10	
8 to 12-in. liners.....	.12	
2 1/2-in. pots.....	.16	.15
2 1/2-in. pots.....	.17	.16
<i>Juniperus sabina</i> tamariscifolia.		
2 1/2-in. pots.....	.19	.18

(Concluded in next column)

(Concluded from previous column)

Each per 1000	In paper pots	Without pots
<i>Juniperus virginiana</i> keteleeri, pots paper pots		
2 1/2-in. pots.....	\$0.25	\$0.24
2 1/2-in. pots.....	.27 1/2	.26 1/2
<i>Taxus media</i> hickii.....	.18	.17
2 1/2-in. pots.....	.19	.18
<i>Abelia grandiflora</i>		
1 1/2 x 2 1/2-in. Vita-Bands.....	.12	
<i>Buxus suffruticosa</i>.....	.13	
1 1/2 x 2 1/2-in. Vita-Bands.....	.13	
2 x 2 1/2-in. Vita-Bands.....	.15	
<i>Camellia sasanqua</i> Maiden's Blush.		
2 1/2-in. pots.....	.13	.12
2 1/2-in. pots.....	.15	.14
<i>Euonymus patens</i> sieboldianus, suitable for understocks.....	.32 1/2	.30
4-in. pots, extra-heavy caliper, suitable for understocks.....	.37 1/2	.35
<i>Camellia sasanqua</i> Mine-No-Yuki.		
2 1/2-in. pots.....	.17	.16
2 1/2-in. pots.....	.18	.17
<i>Camellia sasanqua</i> Setsu Gekka.		
2 1/2-in. pots.....	.16	.15
2 1/2-in. pots.....	.17	.16
<i>Euonymus patens</i> sieboldianus, Large Leaf.		
1 1/2 x 2 1/2-in. Vita-Bands.....	.11	
<i>Euonymus patens</i> sieboldianus, Small Leaf.		
1 1/2 x 2 1/2-in. Vita-Bands.....	.11	
2 1/2-in. pots.....	.13	.12
2 1/2-in. pots.....	.15	.14
<i>Gardenia fortunei</i>		
1 1/2 x 2 1/2-in. Vita-Bands.....	.08	
2 1/2-in. pots.....	.11	.10
2 1/2-in. pots.....	.13	.12
<i>Hilicium anisatum</i>.....	.18	.17
2 1/2-in. pots.....	.19	.18
2 1/2-in. pots.....	.19	.18
<i>Ilex crenata</i> convexa bullata.		
2 1/2-in. pots.....	.21	.20
<i>Ilex crenata</i> rotundifolia.		
1 1/2 x 2 1/2-in. Vita-Bands.....	.14	
2 1/2-in. pots.....	.16	.15
3-in. pots.....	.21	.20
<i>Ilex cornuta</i> burfordi.		
2 1/2-in. pots.....	.17	.16
2 1/2-in. pots.....	.18	.17
<i>Ilex opaca</i> East Palatka.		
2 1/2-in. pots.....	.18	.17
<i>Laurocerasus caroliniana</i>		
2 1/2-in. pots.....	.14	.13
<i>Ligustrum lucidum</i> compactum.		
1 1/2 x 2 1/2-in. Vita-Bands.....	.15	
2 1/2-in. pots.....	.18	.17
2 x 2 1/2-in. Vita-Bands.....	.17	
<i>Magnolia grandiflora</i>		
2 1/2-in. pots.....	.14	.13
2 1/2-in. pots.....	.15	.14
<i>Nandina domestica</i>		
2 1/2-in. pots.....	.10	.09
2 1/2-in. pots.....	.12	.11
<i>Pyracantha belli</i>		
2 1/2-in. pots.....	.18	.17
2 1/2-in. pots.....	.19	.18
<i>Viburnum tinus</i>		
2 1/2-in. pots.....	.12	.12
2 1/2-in. pots.....	.17	.16
<i>Berberis thunbergii</i> atropurpurea.		
2 1/2-in. pots.....	.12	.11
2 1/2-in. pots.....	.14	.13
<i>Cornus florida</i>		
3 to 4-in. liners.....	.02	
4 to 6-in. liners.....	.03	
<i>Kolkwitzia amabilis</i>		
8 to 12-in. liners.....	.15	
<i>Lonicera Flaming Beauty</i>		
3 to 4-in. liners.....	.06	
4 to 6-in. liners.....	.08	
6 to 8-in. liners.....	.10	
8 to 12-in. liners.....	.12	
2 1/2-in. pots.....	.15	.14
2 1/2-in. pots.....	.16	.15
<i>Magnolia soulangeana</i> nigra.		
2 1/2-in. pots.....	.26	.25
3-in. pots.....	.30	.27 1/2
3 1/2-in. pots.....	.33	.30
4-in. pots.....	.40	.36
<i>Spiraea Anthony Waterer</i>		
1 1/2 x 2 1/2-in. Vita-Bands.....	.09	
2 x 2 1/2-in. Vita-Bands.....	.11	
<i>Spiraea reevesiana</i> flora-plena.		
10 to 12-in. liners.....	.12	
12 to 18-in. liners.....	.15	
18 to 24-in. liners.....	.18	
<i>Weigela Eva Rathke</i>		
6 to 8-in. liners.....	.10	
8 to 12-in. liners.....	.12	
T. G. OWEN & SON, INC., Columbus, Mississippi		

EVERGREEN LINERS AND CUTTINGS
HEAVY-ROOTED CUTTINGS

From flats, rooted outside in bath house.
For June 15 delivery, except those marked (*) ready now.

	Each—	Per 100	Per 1000
Arborvitae, American, Dark Green	\$.60	10	\$6.00
Arborvitae, Pyramid .....	.10		.99
Arborvitae, Globe Woodward .....	.10		.99
*Taxus media, No. 8, spreading .....	.10		.99
*Taxus media hicksi .....	.10		.99
*Taxus cuspidata .....	.10		.99
*Taxus intermedia .....	.10		.99
*Euonymus patens .....	.09		.88
2 per cent discount and free packing for cash with order.			

250 plants at 1950 rate.
MIAMI NURSERY CO.
Tipp City, Ohio

LINING-OUT EVERGREENS.

	Per 100	Per 1000
3300 Andorra Juniper, 6 to 8 ins. T.....	\$12.00	\$100.00
2900 Andorra Juniper, 8 to 10 ins. T.....	15.00	125.00
3150 Andorra Juniper, 9 to 12 ins. T.....	22.50	200.00
940 Andorra Juniper, 10 to 15 ins. TT.....	30.00	295.00
1300 Canadian Hemlock, 8 to 12 ins. T.....	15.00	125.00
900 Canadian Hemlock, 6 to 8 ins. T.....	10.00	90.00
3700 Pine, Strobus, 4-yr., 6 to 10 ins. S.....	4.00	35.00
2800 Pine, Strobus, 5-yr., 8 to 12 ins. S.....	7.50	60.00
1145 Pine, Eastern Pitch, 8 to 15 ins. S.....	7.00	50.00
950 Pyramidal Arborvitae, 10 to 15 ins. TT.....	40.00	395.00
500 American Arborvitae, 9 to 12 ins. T.....	20.00	195.00
R&B EVERGREENS		
	Each	Per 100
160 Andorra Juniper, 15 to 18 ins.....	\$1.25	
290 Canadian Hemlock, 18 to 24 ins.....	2.00	\$195.00
400 Canadian Hemlock, 2 to 3 ft., heavy.....	3.00	300.00
FLOWERING SHRUBS.		
400 Forsythia fortunei, 4 to 5 ft., heavy.....	1.00	95.00
118 Weigela rosea, 3 to 4 ft., heavy.....	.75	70.00
250 Spiraea vanhouttei, 2 to 3 ft., heavy.....	.35	30.00
SHADE TREES.		
50 Chinese Elm, 4 to 5 ft., heavy.....	1.00	
120 American Ash, 5 to 6 ft.....	1.00	95.00
75 Columbia Poplar, 9 to 10 ft., heavy.....	2.00	
100 Northern Hackberry, 5 to 7 ft., well br.....	1.00	
200 Scarlet Maple, 4 to 5 ft., whips.....	.50	45.00
135 Sugar Maple, 4 to 6 ft., whips.....	.75	70.00
100 Tulip Tree, 4 to 5 ft.....	1.00	
All stock of good quality, up to grade. Cash with order, please. Shipment to be made when wanted this spring.		
WHERRY'S NURSERIES, St. Marys, W. Va.		

LINING-OUT STOCK.

	Per 100	Per 1000
Scotch Pine, 1-0, 1 to 3 ins.....	\$2.50	\$12.50
Scotch Pine, 2-0, 3 to 4 ins.....	3.00	25.00
Scotch Pine, 1-1, 3 to 6 ins.....	4.00	35.00
Austrian Pine, 2-0, 3 to 5 ins.....	3.00	25.00
Mugho Pine, 3-0, 4 to 8 ins.....	5.00	45.00
Mugho Pine, 2-1, 3 to 6 ins.....	6.00	45.00
Mugho Pine, 2-2, 4 to 8 ins.....	10.00	90.00
Himalayan White Pine, 3-1, 3 to 8 ins.....	6.00	50.00
Table Mountain Pine, 1-2, 6 to 12 ins.....	6.00	50.00
Colorado Blue Spruce, 2-1, 3 to 5 ins.....	6.00	50.00
Colorado Blue Spruce, 2-2, 4 to 8 ins.....	8.00	75.00
Norway Spruce, 2-0, 3 to 6 ins.....	3.00	20.00
Norway Spruce, 2-1, 3 to 6 ins.....	4.00	35.00
Norway Spruce, 2-2, 4 to 8 ins.....	6.00	50.00
Black Hills White Spruce, 3-0, 2 to 4 ins.....	3.50	25.00
Black Hills White Spruce, 2-1, 2 to 5 ins.....	5.00	45.00
White Spruce, 2-0, 3 to 5 ins.....	3.00	25.00
Engelmann Spruce, 2-1, 3 to 6 ins.....	5.00	40.00
Balsam Fir, 2-1, 2 to 4 ins.....	4.00	30.00
American Arborvitae, 2-0, 1 to 2 ins.....	2.50	18.00
Oriental Arborvitae, 2-0, 2 to 4 ins.....	2.00	10.00
Oriental Arborvitae, 3-0, 3 to 6 ins.....	3.00	18.00
Woodward Globe Arborvitae, r.c.....	10.00	
2 per cent discount for cash with order.		
JOHN G. ZELENKA		
R. 2, Box 293	Grand Haven, Mich.	

QUALITY LINERS

	Per 100
Austrian Pine, 4 to 12 ins., tr.....	\$15.00
Canadian Hemlock, 8 to 15 ins., tr.....	20.00
Franklinia, 8 to 12 ins., sdgs.....	25.00
French Hybrid Lilacs, 6 to 12 ins., tr.....	27.50
Hex cr. microphylla, 6 to 9 ins., tr.....	27.50
Az. schlippenbachii, 3 to 6 ins., tr.....	30.00
Viburnum carlesii, 4 to 12 ins., tr.....	40.00
Red-flg. Dogwood, 10 to 15 ins., tr.....	75.00
Magnolia soulangeana, 8 to 15 ins., tr.....	75.00
Jap. Red Maple, 6 to 12 ins., grafts.....	85.00
Send for new Spring list.	
POSSUM HOLLOW NURSERIES	
6327 Magnolia St., Philadelphia 44, Pa.	

EVERGREENS.

For lining-out and light mail order.	
	Each per 1000
5000 Biota orientalis.	
T. 9 to 12 ins.	\$.10
3000 Boxwood, dwarf, dark green.	
T. 6 to 9 ins.	.25
T. 9 to 12 ins.	.35
1500 Thuja woodwardi (Globe), 2-yr., Open, field-grown.	
12-in. specimens, b.r.	.75
9 to 12-in. specimens, b.r.	.50
6 to 9 ins. heavy liners, b.r.	.35
W. N. SCARFF'S SONS	
New Carlisle, Ohio	

LINING-OUT STOCK.
1-YR., FIELD GROWN IN BEDS.

	Per 100	Per 1000
Ilex bullata	\$20.00	\$180.00
Franklinia alataamaha	75.00	....
3-yr., 2 to 3 ft.	150.00	....
Taxus hicksii	17.50	150.00
Taxus hatfieldii	17.50	150.00
Taxus cuspidata	17.50	150.00
Taxus capitata, 1-yr.	....	....
adiga	6.00	50.00
Thuja occidentalis, 3-yr.	....	....
tr., 4 to 6 ins.	10.00	90.00
Tsuga canadensis, 2-yr.	....	....
tr., 4 to 6 ins.	3.00	80.00

SEEDLINGS.

Abies balsam, 2-yr.	4.00	35.00
Abies concolor, 2-yr.	7.00	60.00
Abies Douglas, 2-yr.	4.00	35.00
Abies firma, 2-yr.	5.00	40.00
Acer palmatum, 1-yr.	6.00	50.00
Cornus florida, 1-yr.	6.00	50.00
Euonymus alatus, 1-yr.	4.00	25.00
Ilex crenata, 2-yr.	10.00	90.00
Pachysandra terminalis, R. C.	4.50	40.00
Picea excelsa, 3-yr.	3.50	30.00
Picea pungens, 2-yr.	3.50	30.00
Picea engelmannii, 2-yr.	3.50	30.00
Syringa vulgaris, 1-yr.	3.00	25.00

POT-GROWN GRAFTS.

Acer polymorphum atrop.	75.00	....
Cornus florida rubra	50.00	450.00
Fagus, in variety	60.00	....
Picea moerhousii	100.00	....
Pinus cembra	50.00	....

Complete list of liners on request.

VERKADE'S NURSERIES, Wayne, N. J.

LINING-OUT STOCK.

	Per 100	Per 1000
Ilex crenata convexa	75.00	....
4 to 6 ins.	8.50	\$70.00
6 to 8 ins.	10.00	90.00
Taxus cuspidata, 6 to 8 ins.	9.00	80.00
Taxus media hicksii	....	....
6 to 8 ins.	9.00	\$60.00
Taxus moonii columnaris	9.00	80.00
6 to 8 ins.	....	....
1-yr., 2 1/4-in. Rose Pots	....	....
Juniperus pfitzeriana	22.00	200.00
Taxus cuspidata	17.00	150.00
Taxus media hicksii	17.00	150.00
Taxus moonii columnaris	17.00	150.00
Well Established in 2 1/4-in. Rose Pots	....	....

	Per 100	Per 1000
Abelia grandiflora	....	....
6 to 8 ins.	\$17.00	\$150.00
Deutzia gracilis	....	....
8 to 10 ins.	15.00	135.00
Euonymus alatus	....	....
6 to 8 ins.	20.90	175.00
2-yr. Beds	....	....
Taxus cuspidata	30.00	180.00
Taxus media, upright	18.00	160.00
3-yr. Beds	....	....
Taxus cuspidata	27.00	250.00

All potted and bedded stock from 6 to 8-in. cuttings.

Packing free and 2 per cent discount for cash with order. 25 per cent deposit on all orders.

LEHIGH VALLEY NURSERIES, Inc.

Nazareth Pike, Bethlehem, Pa.

LINING-OUT LIST

	Each
Azalea Gumpo, 2 to 4 ins.	\$0.17
Azalea macrantha, 4 to 8 ins.	.25
Daphne mezereum, 4 to 6 ins.	.10
Daphne mezereum, 6 to 8 ins.	.12
Daphne mezereum, 8 to 10 ins.	.17
Daphne mezereum, 10 to 12 ins.	.22
Daphne mezereum, 12 to 14 ins.	.27
Daphne odora, branched, 8 to 10 ins.	.45
Heather	....
Springwood White, 2 to 4 ins. X	.15
VeVilli, 2 to 4 ins. X	.15
Worley Rose, 3-in. pot.	.35
Raphiophora ovata, 1-yr.	.10
Thuja lobbii, 6 to 8 ins.	.17
Clematis montana rubens, 2-in. pot.	.35
Viburnum burkwoodii, 4 to 6 ins.	.12
Viburnum burkwoodii, 6 to 8 ins.	.17
Viburnum burkwoodii, 8 to 10 ins.	.21
Viburnum burkwoodii, 10 to 12 ins. X	.25
Juniperus tamariscifolia, 2 to 4 ins.	.10
Juniperus tamariscifolia, 4 to 6 ins.	.15
Juniperus tamariscifolia, 6 to 8 ins.	.18
Juniperus sargentii, 4 to 6 ins.	.14
Juniperus sargentii, 6 to 8 ins.	.17
Lithospermum (Heavenly Blue)	.35
3-in. pot	.12
Lithospermum (Heavenly Blue)	.12
Thuja pyramidalis, 4 to 6 ins.	.17
Thuja pyramidalis, 6 to 8 ins.	.20

Cash with order, please.

FORK STAR NURSERIES

Rt. 3, Box 3529 Edmonds, Wash.

SOUTHERN NURSERY CO.

3906 Shields Blvd., Oklahoma City, Okla.

50,000 Evergreens, 3c to 35c each.
Free list. Hard Maple whips, 3 to 4 ft., \$20.00 per 100; 4 to 5 ft., \$35.00 per 100; 5 to 7 ft., \$15.00 per 10; 7 to 8 ft., \$29.00 per 10. We also offer trees in exchange.
FINDALL NURSERY CO.
Johnson City, N. Y.

EVERGREEN ROOTED CUTTINGS.

	Each
Rooted.	10 100 1000
Arborvitae, Globe	\$0.10 \$0.09 \$0.08
Arborvitae, Pyramidal	.10 .09 .08
Juniper, Irish	.12 .11 .10
Juniper, Pfitzer	.12 .11 .10
Taxus capitata, 6 to 10 ins.	.20 .18 .16
Taxus cuspidata, 6 to 10 ins.	.10 .09 .08
Taxus hicksii, 6 to 10 ins.	.10 .09 .08
Taxus intermedia, 6 to 10 ins.	.10 .09 .08
In Plant Bands	....
Arborvitae, Globe	.20 .18 .16
Arborvitae, Pyramidal	.20 .18 .16
Juniper, Pfitzer	.20 .18 .16
Taxus capitata, 6 to 10 ins.	.30 .28 .24
Taxus cuspidata, 6 to 10 ins.	.18 .16 .13
Taxus hicksii, 6 to 10 ins.	.18 .16 .13
Taxus intermedia, 6 to 10 ins.	.18 .16 .13
1-year, Bed	....
Arborvitae, Globe	.20 .18 .16
Arborvitae, Pyramidal	.20 .18 .16
Taxus cuspidata, 6 to 10 ins.	.18 .16 .13
Taxus hicksii, 6 to 10 ins.	.18 .16 .13
Taxus intermedia, 6 to 10 ins.	.18 .16 .13

The Taxus capitata (LEADERS) is used only.

300 at 1000 rate; no charge for packing.

DRAKE'S NURSERIES

G-4342 Branch Rd., Flint, Mich.

BALLED AND BURLAPPED JUNIPERS

	Per 10
DUNDEE	....
2 1/2 to 3 ft., B&B	\$47.50
3 to 3 1/2 ft., B&B	60.00
HETZ	....
15 to 18 ins. B&B	27.50
18 to 24 ins. B&B	32.50
2 to 2 1/2 ft. B&B	40.00
PFTZER	....
12 to 18 ins. B&B	27.50
18 to 24 ins. B&B	32.50
2 to 2 1/2 ft. B&B	40.00
SAVIN	....
18 to 24 ins. B&B	32.50
2 to 2 1/2 ft. B&B	40.00
2 1/2 to 3 ft. B&B	42.50

BALLED AND BURLAPPED SPRUCE

	Per 10
BLACK HILLS	....
2 to 2 1/2 ft., B&B	\$30.00
2 1/2 to 3 ft., B&B	35.00

C.O.D. shipments must be accompanied by 25 per cent cash. Balled and burlapped evergreens loaded on trucks only.

NEBRASKA NURSERIES, Inc.

4815 "O" St., Lincoln 8, Neb.

Each

1000 Juniperus pfitzeriana	....
18 to 24 ins.	\$2.25
800 Juniperus pfitzeriana	....
24 to 30 ins.	2.50
Juniperus excelsa stricta	....
12 to 18 ins.	1.60
18 to 24 ins.	1.85
24 to 30 ins.	2.00
1000 Juniperus hetzi, 15 to 18 ins. Almost all are 18 ins. \$1.75 ea. All these Junipers were well sheared in spring, 1950, and again in 1951, so they are good, heavy, balanced plants.	....
Hemlock (larger sizes all sold)	....
2 to 2 1/2 ft.	\$2.00
2 1/2 to 3 ft.	2.50
3 to 4 ft.	3.00
Arborvitae, Globe Woodward	....
15 to 18 ins.	1.25

HOME NURSERY CO., Fort Gay, W. Va.

Phone: 89-W

WHITE PINE (Pinus strobus) liners.

Two-year, root-pruned seedlings, grown at low bed density resulting in exceptionally stocky, well rooted plants. Plants have good blue-green color.

2 to 4 ins., \$20.00 per 1000.

4 to 6 ins., \$26.00 per 1000.

RED CEDAR (Juniperus virginiana).

These seedlings, root-pruned and stocky, are grown from Winona, Minn., seeds which we have found produce plants less subject to cedar blight. We have never seen a nicer bed of cedar seedlings.

4 to 5 ins., \$23.00 per 1000.

5 to 8 ins., \$28.00 per 1000.

500 or more plants take 1000 rate.

No packing charges.

FORREST KEELING NURSERY

Elisberry, Mo.

Per 100 Per 1000

Tsuga canadensis	....
2 to 3 ins., S.	\$1.00 \$ 8.00
3 to 6 ins., S.	1.50 9.00
6 to 9 ins., S.	2.00 13.00
9 to 12 ins., S.	2.50 18.00
12 to 18 ins., S.	3.50 30.00
18 to 24 ins., S.	5.00 40.00
Ilex opaca	....
2 to 3 ins., S.	1.50 10.00
3 to 6 ins., S.	2.50 20.00
6 to 12 ins., S.	3.50 30.00
12 to 15 ins., S.	5.00 40.00
Acer saccharum	....
4 to 6 ft., S.	\$0.50 each
6 to 8 ft., S.	1.00 each

All plants well rooted and shaped.

Cash with order receives free packing.

AMMON NURSERY

Florence, Ky.

NORWAY SPRUCE.

Twice transplanted.

Heavy stock.

15 to 18 inches.

30c each.

In lots of 25 or more.

Cash with order, please.

VILLA PARK EVERGREEN CO.

Villa Park, Ill.

Magnolia grandiflora seedlings. Field bed grown, 1-yr., average about 5 ins., \$55.00 per 1000, 300 at 1000 rate. 2-yr. seedlings, 12 to 18 ins., 25c; 18 to 24 ins., 40c; 2 to 3 ft., 60c each; row-run, 12 ins. and up, 30c each in lots of 50 or more. No orders for assorted sizes in 2-yr. plants dug before spring, 1952. Orders for 1-yr. and 2-yr. row-run seedlings to be dug now and until about April 10, 1952, to suit customer's preference. Packed free for cash with order. Approximately 600 well calipered and mostly branched Magnolias in 4-gallon cans, \$2.00 each. Only for trucks to pick up at nursery, will not pack for shipment.

HARWELL NURSERY

Highway 64-71 East Van Buren, Ark.

JUNIPER GRAFTS.

Canetti, Glaucia, Burki, Keteleeri, Chinese Blue Columnar, Hetzi and Pfitzeriana on Virginia understock. Price \$40.00 per 100, regardless of number ordered. Terms: All cash with order earns free packing, or one-fourth cash and balance before shipping date plus packing charges at cost.

We invite comparison with grafts of any other company. Remember, when better grafts are made, Crume will make them. We set orders each year for twice as many grafts as we can make. Be smart and order early. A hint to the wise is sufficient.

T. C. CRUME NURSERY

LANDSCAPING CO.

Highway 42 Florence, Ky.

LINING-OUT STOCK

	6 to 8	8 to 12
Ilex, East Palatka	\$0.15	\$0.20
Magnolia grandiflora	.10	.12 1/2
Magnolia soulangeana, 12 to 18 ins.	.30	.35
18 to 24 ins.	.40	.40
Sasanqua Cleopatra, 6 to 8 ins.	.10	.15
12 ins.	.17 1/2	.20
Sasanqua Mine-No-Yuki, 6 to 8 ins.	.10	.15
8 to 12 ins.	.17 1/2	.20
Sasanqua Rosea, 6 to 8 ins.	.10	.15
12 ins.	.17 1/2	.20

STEPHENS NURSERIES

Semmes, Ala.

LINING-OUT EVERGREENS

	Per 100
Taxus hicksii, 3-yr., bedded, cut back	\$35.00
Taxus hicksii, 2-yr. pots	35.00
Taxus capitata, 2-yr. pots	35.00
Taxus cuspidata, 2-yr. pots	25.00
Har Harbor Juniper, 2-yr. field	25.00
Euonymus alatus compactus, 2-yr. pots	15.00
Euonymus patens, transplants	15.00
Euonymus patens, well rooted	10.00
Juniperus glauca hetzi	....
18 to 24 ins. B&B	200.00

SINGER GARDENS, Stamping Ground, Ky.

EVERGREENS.

Heavy, Pot-grown Liners for Spring Shipment.

	Per 100
Taxus cuspidata, 2 1/4-in. pot.	\$22.50
Juniperus hibernica, 2 1/4-in. pot.	17.50
Juniperus horizontalis douglasii	....
2 1/4-in. pot	20.00
Euonymus erectus, 2 1/4-in. pot.	12.50
Euonymus radicans (true), 2 1/4-in. pot	17.50

No charge for packing when cash accompanies order.

THE HOLLANDIA GARDENS, Inc.

South Vienna, Ohio

LINING-OUT STOCK

	Each—Per 100	Per 1000
Potted Evergreens	....	....
Biota aurea nana	\$0.20	\$0.16
Biota bakeri	.18	.15
Pyramidal Arborvitae	.20	.16 1/2
Woodward Globe Arborvitae	.20	.16 1/2
Pfitzer Juniper	.20	.16 1/2
1-yr. Field-grown	....	....
Pyramidal Arborvitae	.20	.17 1/2
Woodward Globe Arborvitae	.20	.17 1/2

Terms: Cash with order. Free packing.

VOGE NURSERY

New Lebanon, Ohio

Per 100 Per 1000

1000 Berkman's Arborvitae	\$18.00	\$150.00
1000 Bonita Arborvitae	....	....
Upright	15.00	120.00
1000 Pfitzer Juniper	18.00	150.00
The above are in 2 1/4-in. pots	....	....
3 to 4 ft.	\$0.25	\$0.20
4 to 5 ft.	.35	.30
1 1/2 to 1 3/4-in. caliper	1.45	1.25
1 3/4 to 2-in. caliper	1.80	1.50

NELSON NURSERY

P. O. Box 1162, Enid, Okla.

CHRISTMAS TREE SEEDLINGS.

	Per 1000	Per 10,000	Per 50,000
Prices per 1000	....	....	....
Scotch Pine, 1-0.	....	....	....
2 to 4 ins.	\$10.00	\$9.00	\$8.00
Austrian Pine, 1-0.	....	....	....
2 to 4 ins.	10.00	9.00	8.00

These seedlings have an exceptionally fine root system.

VAN'S PINES

R. R. 1 West Olive, Mich.

EUONYMUS.

Euonymus alatus compactus.

1-yr., transplanted cuttings, 4 to 7 ins.

\$25.00 per 100.

This is all strong, heavy-rooted stock.

C. HOOGENDOORN

Turner Road Newport, R. I.

EVERGREENS—Continued

	Each
500 <i>Taxus cuspidata</i> , 1-yr., bed.....	\$0.20
1000 <i>Taxus hicksii</i> , 1-yr., bed.....	.20
250 <i>Taxus hicksii</i> , 2-yr., bed.....	.30
1000 <i>Pyramidal Arborvitae</i> , 1-yr., bed.....	.20
2500 <i>Hetz Juniper</i> , 2 1/4-in. pots.....	.20
Also 3-yr., xx, dark green, <i>Pyramidal</i> and <i>Globe Arborvitae</i> , 35c ea.	

Cash with order.
LAETZ HOBBY FARM NURSERY
3514 Patterson Ave., Bay City, Mich.

NORWAY SPRUCE TREES	
Husky, 4-yr. (2-2) transplants.	
5 to 8 ins. high, \$40.00 per 1000.	
8 to 12 ins. high, \$52.00 per 1000.	
4-yr. adlgs. with excellent root systems.	
5 to 8 ins. high, \$28.00 per 1000.	
8 to 15 ins. high, \$40.00 per 1000.	
250 at the 1000 rate.	

Cash with order, please.
CARROLL HILLS NURSERY, Ipswich, Mass.

JUNIPERUS HETZI GLAUCA	
Each per 100	
1-yr., 4 to 6 ins.	\$0.10
2-yr., 6 to 9 ins.	.18

LONICERA ZABELI	
12 to 18 ins.	.10
18 to 24 ins.	.15

PHILADELPHUS VIRGINALIS	
12 to 18 ins.	.20
18 to 24 ins.	.30

BALCOM NURSERY, Kokomo, Ind.

EVERGREEN TRANSPLANTS.	
Per 100	

<i>Juniperus pfitzeriana</i> , 6 to 9 ins., XX, field.....	\$30.00
<i>Juniperus von Ehrh.</i> , 9 to 12 ins., XX, field.....	35.00

<i>Taxus cuspidata</i> , cut back, 6 to 10 ins., XX, field.....	35.00
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Cash with order. Packing free.
DAMASCUS NURSERIES, Damascus, Ohio

EVERGREEN PLANT MATERIAL.
ADVANCED LINERS in *Azalea*, *Cornus*, *Cotoneaster*, *Ilex*, *Juniperus*, *Kalmia*, *Leucothoe*, *Pieris*, *Rhododendron*, *Taxus*, *Thuja*, *Tsuga*, *Viburnum*.

Finished Trees in Colorado Blue Spruce.
All Certified for Western Shipment.

Write for Wholesale Price List.
H. W. WEBER EVERGREEN NURSERY
16 Summer St., Weston 93, Mass.

EVERGREEN SEEDLINGS.	
Per 100 Per 1000	

Scotch Pine, 1-0, 1 to 3 ins.....	\$12.00
Austrian Pine, 1-0, 1 to 3 ins.....	12.00
Scotch Pine, 2-0, 4 to 8 ins.....	\$4.00
Douglas Fir, 2-0, 2 to 6 ins.....	4.00
Colorado and Englemann Blue Spruce, 2-0, bed run.....	3.00
Austrian Pine, 1-2, 5 to 8 ins.....	10.00

ARTHUR CASH NURSERY, Angola, N. Y.

JUNIPER GRAFTS.
Grafted on virginiana understock.

Juniperus canariensis, *burkii*, *keteleeri* and *glauca*.

All grafts well callused and ready for field planting. \$40.00 per 100.

All orders sent with cash earn free packing; or 1/4 cash, balance before shipping.
FLORENCE NURSERY, Florence, Ky.

Per 100	
Woodward Globe Arborvitae, XX.....	\$32.00
Woodward Globe Arborvitae, 2-yr., pots.....	26.00
Pyramidal Arborvitae, 2-yr., pots.....	23.00
Pfitzer Juniper, 2-yr., pots.....	23.00
Swedish Juniper, 2-yr., pots.....	27.50
Andorra Juniper, 2-yr., pots.....	25.00

Cash with order, please.
THE FOSS NURSERY, Coldwater, Ohio

FINISHED STOCK.
200 Irish Juniper, 5 to 7 ft., specimens; 50 Spiny Greek Juniper, 18 to 24 ins.; 50 *Retinospora veitchii*, 18 to 36 ins.; 1500 *Nandina*, 18 to 36 ins.; 400 *Ligustrum lucidum*, 2 to 3 1/2 ft. B&B at nursery. Visit us.

HEFNER'S NURSERY
Rt. 1, Box 60, Conover, N. C.

SEEDLINGS AND TRANSPLANTS	
Per 100 Per 1000	

Austrian Pine, 2-0.....	\$3.00
White Spruce, 2-0.....	18.00
Scotch Pine, 2-1.....	5.00

Free packing for cash with order.
HOUSTON EVERGREEN NURSERY
Cadillac, Mich.

LINERS.
Book your liners now for spring. Field-grown liners, liners in pots and rooted cuttings. Write for your list now. Over one million liners.

POPE NURSERY
Ph. VA. 3441, 4020 Race, Ft. Worth 11, Tex.

EUONYMUS.
Radicans erectus, *patens* Newport, carrieret and *coloratus*, from 2-in. base, 10c each.

BALTIC IVY.
Nice stock from 2-in. pots, 10c each.
STRATFORD GARDENS, Delaware, Ohio

DOUGLAS FIRS.
8 to 16-inch Douglas Firs.
\$7.50 per 100, \$60.00 per 1000.

COASTAL GARDENS
Sheridan, Ore.

ORIENTAL MAGNOLIAS.

	Each
<i>Magnolia soulangeana nigra</i> , 2 to 3 ft., bare root.....	\$1.25
3 to 4 ft., bare root.....	2.00
4 to 5 ft., bare root.....	2.75

WELCH BROS. NURSERY, Inc., Wilmer, Ala.

BOXWOOD.

True dwarf, bushy, for edging.
4 to 6 ins., 20c each per 50 or more.
4 to 6 ins., 18c each per 500 or more.

Packing free, cash with order, F.O.B.
RICHARD P. RESSEL, Mulino, Ore.

UNROOTED CUTTINGS OF PFITZER JUNIPER, 6 to 10 ins. long, not trimmed. Moss-packed; express only. \$10.00 per 1000. Cash with order.

KRONE'S FLOWER SHOP
4221 Grand Ave., Fort Smith, Ark.

JAPANESE BLACK PINE.
We are headquarters for heavy liners of a beautiful compact strain of *Pinus thunbergii*.

JOSEPH A. HREN NURSERIES
East Hampton, L. I., N. Y.

ILEX BULLATA CONVEXA.
2 to 4 ins. well rooted cuttings, \$4.50 per 100; \$40.00 per 1000. Postpaid. Ready now.

GREEN NURSERIES
Fairhope 4, Ala.

EVERGREENS—Shrubs, trees, seedlings, transplants and finished stock.

THE PEQUOT NURSERIES,
Brainerd, Minn.

FRUIT AND NUT TREES

TOP-QUALITY TREES AT OUR LOW PRICES MEAN BIG SAVINGS

We have several hundred Apple in surplus one-year whips. Red Delicious, Stayman Winesap, Grimes Golden, Winesap and Yellow Delicious; 12 to 18 ins., 7c ea.; 18 to 24 ins., 10c ea.

A few thousand June Bud Peach, ideal for liners or retail trade. Early Elberta, Elberta, Red Bird, Mayflower, Halehaven, J. H. Hale and Southhaven; 12 to 18 ins., 8c ea.; 18 to 24 ins., 12c ea.

Cherries, limited quantities, but a good bargain at these new low prices. 2000 Montmorency, 400 Black Tartarian and 350 Early Richmond; 6 to 12 ins., 10c ea.; 12 to 18 ins., 15c ea.; 18 to 24 ins., 20c ea.

Pears, a few hundred Kieffer; 12 to 18 ins., 12c ea.; 18 to 24 ins., 17c ea.

Order in multiples of 10 or 25. 2 per cent discount on cash with order. No charge for packing.

GLOBE NURSERIES
Box 249, McMinnville, Tenn.

LOOK!
20,000

Surplus June Bud Peach and Plum—10 varieties.
Samples on Request.

Must move this spring at these hard-to-get prices.

18 to 24 ins.....\$0.08 each
24 to 30 ins......12 1/2 each
30 to 36 ins......17 1/2 each

Plum, 5c higher per tree. We are open for growing contracts, dormant buds and June buds—anything that grows on peach stock. If interested, write us for prices and terms.

PACK TRUE-TO-NAME NURSERY CO.
McMinnville, Tenn.

STUART PECANS — Strong grower and heavy producer of large nuts. Heavy plants with short taproots and a heavy feeder system. Will grow off rapidly. Booking now for immediate delivery. 2 to 3 ft., 85c ea.; 3 to 4 ft., 90c ea.; 4 to 5 ft., \$1.10 ea.; 5 to 6 ft., \$1.25 ea.; 6 to 7 ft., \$1.45 ea. Also seedling pecans, ideal for shade, at lower prices.

FLORIDA NURSERY & LANDSCAPE CO.
N. 14th St., Leesburg, Fla.

Early and heavy-bearing Papershell Pecan trees; blightproof Pineapple Pears and the new Orient Pear; Apple, Peach and Plum trees; Grapevines. New catalog free.

BASS PECAN CO.
Lumberton, Miss.

Largest Growers of Pecan Trees in the World

Standard Apple, 2-yr. buds, 11/16-in. cal., 4 to 5 ft., 45c each.

Jonathan (dark red), Rome Beauty (double, red), Stayman Winesap (dark red), Delicious (red), McIntosh Red, Yellow Transparent.

FRENCH NURSERY CO., Clyde, Ohio

Watch Your Results From
American Nurseryman Classified Ads.

GROUND COVERS

Vinca Minor, excellent evergreen ground cover. Organically grown plants, \$24.00 and \$40.00 per 1000; liners, \$8.00 per 1000.

Mane-up bundles of over 200 stems, \$80.00 per 1000.

Earthworms, \$20.00 per 1000.

S. Rodkin, VARIETY NURSERY FARMS
R. F. D., Lambertville, N. J.

PACHYSANDRA TERMINALIS.
Strong, 1-yr., field-grown, \$65.00 per 1000.

HILLCREST GREENHOUSES, Franklin, Pa.

GRAPES

GRAPE CUTTINGS.

Concord and Fredonia, \$4.00 per 1000. F.O.B. here. Tied with wire, 100 to bunch. Guaranteed true-to-name. Cut from our young, thrifty vineyard by experienced workmen.

IDEAL FRUIT FARM
Stillwell, Okla.

HARDWOOD CUTTINGS

HARDWOOD CUTTINGS.
From Hardy Northern-grown Shrubs and Trees. Delivery now. From our own plantings and blocks checked yearly for accuracy. Cut 7 inches.

Per 1000

Aronia melanocarpa.....\$ 4.00

Cornus paniculata.....4.00

Sibirica.....4.00

lutea (yellow bark).....6.00

amomum.....4.00

Forsthia intermedia.....3.00

primulina.....4.00

Ellisii.....3.00

Elder, Golden.....3.00

Cutleaf.....4.95

Red-berried.....5.00

canadensis.....3.00

Hydrangea P.G......5.00

Hydrangea A.G......5.00

Privet, Iboia.....3.00

Honeysuckle, Morrowi.....3.00

bella alba.....3.00

bella rosea.....3.00

tat. rosea.....4.00

Korolkowi.....4.00

sabell.....5.00

maackii.....4.00

Diervilla trifida.....4.00

Philadelphus grandiflorus.....3.00

Blanc.....3.00

Bouquet Blanc.....3.00

coronarius.....3.00

lemoinei.....5.00

Physocarpus opul. aureus.....3.00

Sorbaria sorbifolia.....3.00

Spiraea billardi.....3.00

troebell.....3.00

thunbergii.....4.00

trichocarpa.....3.00

vanhouttei.....3.00

Snowberry, white.....3.00

Lilac, rothomagensis.....5.00

Viburnum dentatum.....4.00

Poplar, Lombardy.....3.00

Willow, Niobe.....3.00

Wisconsin.....3.00

Golden.....3.00

Pussy.....3.00

Thuja pyramidalis.....25.00

globosa.....25.00

wareana.....25.00

Juniperus pfitzeriana.....25.00

Packed free. Cash with order, please. Delivery in good order guaranteed.

THE SCOTCH GROVE NURSERY
Scotch Grove, Iowa

HARDY PERENNIALS

ASTERS.

Per 100 Per 1000

Beechwood Challenger, red, 1-yr.....\$18.00 \$160.00

Harrington's Pink, 1-yr.....18.00 160.00

Mt. Everest, white, 1-yr.....15.00 140.00

Plenty, new powder-blue, 20.00 190.00

Violetta, excellent violet-blue, 1-yr.....18.00 160.00

Rooted divisions of above.....5.00 75.00

Asters.....LYTHRUM, Morden's Pink, 1-yr., field-grown.....14.00 130.00

1-yr., No. 2, field-grown.....8.00 75.00

CHRYSANTHEMUM, Canary Wonder. The new, most popular, soft, canary-yellow pompon.....10.00

Strong rooted cuttings.....SANTOLINA CHAMAEOPYRARISSUS. (Lavender Cotton)

Evergreen silvery-gray foliage, attractive all year around. Becoming more popular every year.....25.00

1-yr., field-grown.....8.00

Strong rooted cuttings.....PLANE VIEW NURSERY
Newport, R. I.

PINK SACHET.

Introducing a new Old-fashioned Pink. Large, 2-in. single, pink flowers with maroon center. Fragrant, hardy with good foliage. Excellent for cutting, 12-in. stems.

Per doz. Per 100
Strong rooted cuttings.....\$2.50 \$20.00

PLANE VIEW NURSERY
Newport, R. I.

BLEEDING HEARTS. Per 100

Dicentra spectabilis, 3 to 6-eye.....\$25.00

Dicentra spectabilis, 5 to 8-eye and up.....40.00

Dicentra eximia, 3 to 5-eye.....15.00

Dicentra eximia, 5 to 8-eye and up.....20.00

J. HENDRICKS, Grower, Portage, Mich.

SEEDS OF HARDY PERENNIALS.
700 varieties and species.

Offered in our special wholesale price list of perennial seeds, plants. Sent on request.

REX D. PEARCE, Dept. N, Moorestown, N. J.

LYONDEL GIANT HYBRIDS THE DELPHINIUM OF TOMORROW

Extremely hardy! Exceptionally large flowers, wide range of beautiful colors; doubles, semidoubles and singles. Many customers report better than 90 per cent doubles. In fact, we should SHOUT MORE about these LYONDEL HYBRIDS because they withstand the combination of droughty summers and severe winters. If you haven't grown these wonderful Delphiniums—enjoy the best by test, and place your order now for spring delivery. MIXED COLORS ONLY.

FIELD-GROWN PLANTS, \$4.00 per dozen; \$25.00 per 100; \$225.00 per 1000.

NEW SEEDS from carefully selected plants, will germinate practically 100 per cent if sown this spring. No refrigeration necessary to keep them, either. \$20.00 per ounce; \$11.00 per 1/2-ounce; \$6.00 per 1/4-ounce.

CORLISS BROS., Inc., NURSERIES
1 Reynard St., Gloucester, Mass.

America's Best Source
for Hardy Plants is
THE WAYSIDE GARDENS
Mentor, Ohio
Write for Trade List.

HARDY FERNS—Ostrich, Clayton, Lady and Maiden Hair, \$7.50 per 100; XX size, \$10.00. STRAND NURSERY CO., Taylors Falls, Minn.

Pansies, perennials and rock plants in wide variety. Send for catalog.
PITZONKA'S PANSY FARM
Bristol, Pa.

WELL ROOTED CUTTINGS.
TEUCRIUM CHAMAEDRYS
\$5.00 per 100; \$45.00 per 1000.
BEARDSLEE NURSERY, Perry, Ohio

ROSEBUSHES

ROSES! ROSES! ROSES!

A small deposit will hold your order.
No. 1 Roses from our cold storage.
Blaze—New Dawn—Paul's Scarlet
40c ea. per 100; 30c ea. per 500; 30c ea. per 1000.

2670 Ami Quinard
3120 Editor McFarland
1150 Better Times
330 Orange Triumph
100 Floradora
170 E. N. Perkins
70 Betty Uppichard
610 Etoile de Hollande
300 Tallman
200 Cameo
730 Golden Dawn
860 Yellow Condesa de Sagastio
3000 Paul's Scarlet
3000 Cl. American Beauty
4000 Blaze
2000 New Dawn
100 Cl. Mary Wallace
300 Cl. Pink Radiance
300 Cl. Red Radiance
300 Cl. Tallman
500 Silver Moon
500 Frau Karl Druschki
2250 Peace Roses, regular patent prices.
140 Cl. Peace Roses, regular patent prices.
Our stock is dormant and in good condition.
M. OLIVER FLOWER FARMS
Box 86, Tyler, Tex.
Phone: 2-1171

JAPONICA MULTIFLORA ROSES.
One-year, field-grown, heavy, branched stock. Large and beautiful, the new and most beautiful landscaping rose known. Also for hedges and estates, in both white and pink colors. Very limited supply.
500 to 5000, 12c each, packed and ready for shipment F.O.B. here. 5000 lots and upward, 10c each, packed and ready for shipment F.O.B. here.

Do not delay ordering this scarce and wanted rose, as we have only a limited supply and no more. Check with order, please. All shipments guaranteed.
We are wholesalers exclusively.

RAY'S ROSE NURSERY
Tyler, Texas

ROSES! ROSES! ROSES!
Painesville, Ohio, Grown.
The finest we have ever offered.
CLIMBERS. POLYANHAS.
Per 10 \$50.00
Blaze, 2-yr., No. 1.
Paul's Scarlet, 2-yr., No. 1.
Golden Salmon, 2-yr., No. 1.
Gloria Mundi, 2-yr., No. 1.
Ideal, 2-yr., No. 1.
Triomphe Orleans, 2-yr., No. 1.
CALL'S NURSERIES
Call Road, Perry, Ohio
Est. 1877

If you want rosebushes that sell, make friends and resales, buy ROYAL ROSES—packaged rosebushes with a future! Patented and popular varieties. One-bush or five-bush collections in eye-appeal packages. Write for prices and variety list. One of the largest and oldest rose growers in Texas. ARP NURSERY COMPANY, P. O. Box 867-Q, Tyler, Tex.

MINIATURE ROSE, "OAKINGTON RUBY"

Tiny red buds, double 1-in. flowers, grow 8 to 10 ins. high. Hardy, everblooming. Use for low hedges, borders, planter boxes, pots, etc. Sturdy plants from 2 1/4-in. pots (will bloom this spring), \$35.00 per 100.
P.O.B. Visalia, 25 at 100 rate.
Cash with order, please.
Illustrated folder free.

SEQUOIA NURSERY, Visalia, Calif.

ROSEBUSHES.

2-yr. plants; grown right, graded right, packed right. Very complete assortment of varieties. Write for prices and book your requirements now.

ROSEMONT NURSERIES
D. L. Thompson, Mgr., Tyler, Tex.

ROSES.

TOP-QUALITY ROSES.

25c and up.

List upon request.

WRIGHTWOOD FLORAL CO., Inc.

1420 Wrightwood Ave., Houston 9, Tex.

ROSES—Good assortment of 2-yr. bushes budded on fibrous-rooted, creeper multiflora. No. 1 grade, 40c ea.; No. 1 1/2 grade, 32c ea.; No. 2 grade, 24c ea. on orders of 250 up. P. O. TATE NURSERY, Rt. 3, Tyler, Tex.

FOR BETTER THAN EVER

ROSEBUSHES.

Get Martin's Deal.

Lists now ready.

MARTIN'S ROSE NURSERY

P. O. Box 155 Arp, Tex.

See our display advertisement on page 57. Also see our advertisement on page 48 of the February 1 issue.

OZARKS PLANT FARMS, Inc.

Springfield, Mo.

A CUSTOMER WROTE THIS AD.

"Shipments of roses received from you are the best we have seen on the market."

ROSE LAWN NURSERIES

Member A.A.N. Winnaboro, Texas

ROSA MULTIFLORA JAPONICA.

Two-year, heavily branched, root-pruned stock, \$50.00 per 1000. Crated F.O.B. here.

ROCK HILL LANDSCAPE CO.,

Rock Hill, S. C.

It's Convention Time

And Buying Time

And Time to Advertise.

SEEDS

This is our latest revised price list on our fresh, high-germinating and tested coniferous tree seeds. Terms: Cash with order to new customers. Established trade: 30 days.

White Pine \$1.25
Norway Pine 6.10
Jack Pine 1.90
Balsam Fir 1.35
Arborvitae 3.10
*White Spruce 7.50
*Scotch Pine 5.25
*Norway Spruce 4.25
Asterisk () indicates that this species is limited.

FRANKE'S SEED CO.

Sturgeon Bay, Wis.

ASPARAGUS SEEDS.

Mary Washington \$0.50 \$1.20
Plus postage.

True, high-germinating seeds. Ask for quantity prices.

HERBST BROTHERS

92 Warren St., New York 7, N. Y.

Reduce fencing costs, not by unsightly Multiflora Roses, but by our Chaenomeles and Pyracantha hybrids.

Chaenomeles, hybrid seeds, all colors, \$2.00.

Pyracantha, hybrid seeds, tr. pkg., \$1.00.

SILVA'S HYBRIDIZER

408 Water Trough Rd., Sebastopol, Calif.

EVERGREEN SEEDS

Tsuga canadensis, \$12.00 per lb.; 1/4-lb., \$3.50. Pinus strobus, \$3.50 per lb.; 1/4-lb., \$1.00. We pay postage on cash orders. These species should be stratified now, 60 days or more before spring planting.

K. J. BRADEN, P. O. Box 187, Milton, N. H.

Italy's most reliable source of supply of high-quality TREE and SHRUB SEEDS for Nurserymen and Foresters. A quarter century of experience. List free.

ARTURO ANSALONI

P. O. Box 210 Bologna, Italy

SEEDS—Abies magnifica shastensis. The fine Silver Tip Fir, fresh seeds, 50c per oz.; \$5.00 per lb. Arbutus menziesii, Madrone, dried berries, 50c per oz.; \$2.50 per lb.

W. & C. NYE, 1913 Hazel St., Medford, Ore.

ROSE SCOTCH (Burnet)—Best hedge rose for home ground use. Bushy, non-rampant, attractive in foliage and flower. Rosa spinosissima, seeds 1/4-lb., \$1.80; 1 lb., \$6.00.

REX D. PEARCE, Moorestown, N. J.

Choice Red Cedar Platte or Kansas seeds.

Cleaned, ready to plant, \$4.00 per lb.

Ask for list of tree and shrub seeds.

HOME NURSERY, Cuba, Kan.

SEEDS FOR STRATIFICATION AND WINTER PLANTING. FRUIT SEEDS.

	Per 1/4-lb.	Per lb.
Apple, Common, for stock.....	\$0.50	\$1.25
Apricot, Ansu .....	.40	1.00
Apricot, Common .....	.40	.40
Cherry, Mahaleb .....	.40	1.00
Cherry, Mazzard .....	.40	.95
Peach, Lovell .....	.35	.35
Pear, Common, for stock	1.20	2.00
Plum, American .....	.60	1.60
Plum, Myrobalan .....	.40	.85

CONIFER SEEDS.

	Per 1/4-lb.	Per lb.
Arborvitae, American	1.75	5.00
Arborvitae, Oriental .....	.45	1.25
Arborvitae, Oriental compacta .....	.80	2.25
Cypress, arizonica	1.10	3.00
Fir, Balsam	1.45	4.25
Juniper, chinensis, clean	1.25	3.75
Juniper, virginiana, clean	1.20	3.25
Juniper, virginiana, Platte River, clean	1.65	4.50

	Per 1/4-lb.	Per lb.
Pine, Austrian .....	.70	2.00
Pine, Jack	1.60	4.50
Pine, Japanese (densiflora) .....	.80	2.35
Pine, Mugho, select dwarf	1.40	4.00
Pine, Red (resinosa)	5.85	16.00
Pine, Scotch, fast-growing, green	1.50	4.25
Pine, Scotch, Riga strain, moderate grower, bluish	3.60	10.00
Pine, Slash (caribaea)	1.60	4.50
Pine, White (strobilus) .....	.30	2.50
Spruce, Norway, fast grower	1.15	3.25
Spruce, Norway, wind-resistant, lowland strain, for northern planting	1.50	4.25
Spruce, White	1.40	4.00
Taxus cuspidata, upright, imported Japan	1.00	2.75
Taxus cuspidata, upright, New England, clean	3.60	10.00
Taxus hispida, New England, clean	3.60	10.00

ORNAMENTALS.

	Per 1/4-lb.	Per lb.
Berberis thunbergii, New England (to uncontrolled states only)	1.60	4.50
Betula alba (pendula), clean .....	.70	2.25
Betula papyrifera, clean	2.25	6.00
Camellia japonica, hand-selected kernels .....	.70	2.00
Camellia sasanqua .....	.70	2.00
Cercis canadensis .....	.90	2.50
Cercis chinensis	1.55	4.50
Cornus florida, clean .....	.70	2.00
Cornus florida, New England, D. B. .....	.80	2.25
Cornus paniculata, clean	1.00	2.75
Elaeagnus angustifolia, clean .....	.40	1.00
Ilex opaca, northern, clean	1.75	5.00
Ilex opaca, southern, clean	1.50	4.25
Liriodendron tulipifera .....	.85	.85
Magnolia grandiflora, clean	1.00	2.75
Magnolia soulangeana, D.B.	1.10	3.00
Mahonia aquifolium, clean (to uncontrolled states only)	2.20	6.00
Morus alba tatarica, clean	1.60	4.50
Nyssa sylvatica, clean .....	.90	2.50
Prunus, Japanese Flowering, lancea	1.10	3.00
lanceolata	1.10	3.00
mume .....	.55	1.50
sargentii	1.20	3.50
serrulata	1.00	2.75
subhirtella .....	.80	2.25
subhirtella pendula	1.10	3.00
tomentosa, domestic	1.25	3.50
yedoensis .....	.70	2.00
Rhus trilobata, clean	1.25	3.50
Rosa multiflora, thornless	1.00	2.75
Rosa multiflora, thorny .....	.90	2.50
Rosa rugosa .....	.70	2.00

TERMS: As per our catalog.

F. W. SCHUMACHER, Horticulturist

P. O. Box 131, Jamaica Plain 30, Mass.

SHRUBS and TREES

	Per 100
Amur River North, 12 to 18 ins.	\$ 8.00
9 to 12 ins.	6.00
Thompsons, 18 to 24 ins.	12.00
12 to 18 ins.	9.00

	Per 100
LILAC, Rothmans, 2 to 3 ft., well branched	50.00
18 to 24 ins., well branched	40.00
FORSYTHIA, Spring Glory, 3 to 4 ft., well branched	60.00
2 to 3 ft., well branched	50.00
FLOWERING CRAB, Red Vein, 4 to 5 ft.	90.00

	Per 100
CLEMATIS VINES, Staked out of 3-in. rose pots	55.00
Jackman, purple	55.00
Ramona, blue	55.00
Mme. Veillard, lilac-rose	50.00
Henry, white	60.00

C.O.D. shipments must be accompanied by 25 per cent cash. Quantity discount—10 per cent on 1000 lots.

NEBRASKA NURSERIES, Inc.

4815 "O" St., Lincoln 8, Neb.

CHINESE ELM SHADE TREES, 4 to 6 ft., \$20.00 per 100; 6 to 8 ft., \$45.00 per 100; 8 to 10 ft., \$80.00 per 100. 25 at the 100 rate.

GRUNDY'S GARDENS

Anton, Tex.

SHRUBS and TREES—Continued

SURPLUS ITEMS	
French Hybrid Lilacs, 1-yr. buds, single stem, in bunches of 25.	6 to 12 ins., \$17.50 per 100.
	12 to 18 ins., \$22.50 per 100.
	6 to 12 ins. 12 to 18 ins.
Bleuatre	100 425
Charles Joly	350 175
Gloire de Moulins	225 400
Lucie Ballet	50 50
Ludwig Spaeth	50 50
Ruhm von Horstenstein	100 200
Charles X. S.	100 475
Michel Buchner	300 400
Mme. Casimir Perier	325 300
Marc Micheli	150 225
Althaea colestin, grafts (blue),	Per 100
12 to 15 ins.	\$15.00
Weigela Abel Carriere, 2-yr. grafts,	
2 to 3 ft.	35.00
3 to 4 ft.	45.00
Crape Myrtle (watermelon-red),	
2 to 3 ft.	25.00
Viburnum tomentosum,	
12 to 18 ins.	20.00
Evergreen Liners, field-grown.	
English Juniper,	
1-yr., 8 to 12 ins.	10.00
1-yr., 12 to 15 ins.	15.00
Ashford Juniper,	
1-yr., 8 to 12 ins.	15.00
2-yr., 12 to 15 ins.	17.50
Polish Juniper,	
1-yr., 6 to 8 ins.	10.00
1-yr., 8 to 12 ins.	12.50
Irish Juniper,	
1-yr., 6 to 8 ins.	10.00
1-yr., 8 to 12 ins.	12.00
2-yr., 12 to 15 ins.	15.00
2-yr., 15 to 18 ins.	17.50
Kiyono Juniper,	
1-yr., 8 to 12 ins.	10.00
1-yr., 12 to 15 ins.	15.00
Greek Juniper,	
1-yr., 6 to 8 ins.	12.50
2-yr., 8 to 12 ins.	17.50
Horizontal Juniper,	
1-yr., 6 to 8 ins.	10.00
Virginal Juniper,	
1-yr., 6 to 8 ins.	15.00
Retinospora plumosa,	
1-yr., 6 to 8 ins.	12.50
1-yr., 8 to 12 ins.	15.00
We pack free when cash accompanies order.	
BYERS NURSERY CO.	
Chase, Ala.	

NURSERY STOCK

CHERRIES, Montmorency, 9/16-in., 4 to 5 ft., 60c; 11/16-in., 5 to 6 ft., 70c ea.	
APPLES, 1-yr., 2 to 3 ft., 15c; 3 to 4 ft., 20c; 4 to 5 ft., 25c; 2-yr., branched, 5/16-in., 20c; 7/16-in., 30c; 9/16-in., 40c; 11/16-in., 50c ea.	
Ada Red	Grimes Golden
Anoka	Horse
Black Ben Davis	Lodi
Blood Red Delicious	Mammoth Black
Blood Red Jonathan	Twigg
Blood Red Rome Beauty	Summer Champion
Blood Red Stayman	Turley
DeLuxe	Yellow Delicious
Early Harvest	Yellow Transparent
PEACHES, Dormant buds, 3 to 4 ft., 30c; 4 to 5 ft., 40c; 5 to 7 ft., 50c.	
Belle of Georgia	Indian Cling
Early Elberta	J. H. Hale
Halehaven	Krummel October
Heath Free	Red Bird
Improved Elberta	Southaven
PEARS, 2-yr. grafts, well branched, good caliper, 5 to 6 ft., 50c; 6 to 8 ft., 60c; 8 to 10 ft., 70c ea.	
Kelffer	
CHESTNUTS, CHINESE, Blight-resistant, 2-yr., 3 to 4 ft., 75c; 4 to 5 ft., \$1.00 ea.	
WALNUT, BLACK, Seedlings, 2 to 3 ft., 30c; 3 to 4 ft., 45c; 4 to 6 ft., 65c; 6 to 8 ft., 80c; 8 to 10 ft., 95c ea.	
PECAN, STUART, Seedlings, 2 to 3 ft., 35c; 3 to 4 ft., 50c; 4 to 6 ft., 65c ea.	
GRAPES, 2-yr., No. 1, Concord, \$3.50 per 100; \$75.00 per 1000. Fredonia, \$12.00 per 100; \$100.00 per 1000.	
ARBORVITAE, Chinese Pyramidal, B&B, 2 to 3 ft., \$1.25; 3 to 4 ft., \$1.50; 4 to 5 ft., \$1.75; 5 to 6 ft., \$2.00 ea.	
JUNIPER, Irish (hibernica), Heavy-sheared, B&B, 3 to 4 ft., \$2.50; 4 to 5 ft., \$3.00 ea.	
POPLAR, Carolina, 4 to 6 ft., 20c; 6 to 8 ft., 40c; 8 to 10 ft., 50c ea.	
POPLAR, Lombardy, 3 to 4 ft., 10c; 4 to 5 ft., 20c; 5 to 6 ft., 30c; 6 to 8 ft., 40c; 8 to 10 ft., 50c; 10 to 12 ft., 60c; 12 to 15 ft., 70c ea.	
POPLAR, Simon, 4 to 6 ft., 30c ea.	
Will exchange for lining-out stock.	
Send us your list.	
BENTON COUNTY NURSERY CO., INC.	
Rogers, Ark.	

LILAC

Lilac Firmament (new). Immense panicles of large formal flowers of a beautiful shade of sky-blue, truly a gem among blue varieties. This is one of Lemoine's best single light blues and is exceptionally fine in every way. Last spring we had plants producing 11-in. spikes.

Strong 1-yr. grafts, 6 to 12 ins., \$75.00 per 100.

C. HOOGENDOORN
Turner Road
Newport, R. I.

Althaea, Hibiscus syriacus.	
Effie Riegel, New, double white, 10 to 15 ins., \$1.50 per doz., \$10.00 per 100; 12 to 18 ins., \$3.00 per doz., \$20.00 per 100; 24 to 30 ins., \$5.00 per doz., \$30.00 per 100.	
Colee Mullins, Double, wine-red, good grower. Same sizes and prices as above.	
Pink Delight, Double, shell-pink, very fine, 10 to 15 ins., \$6.00 per doz., \$40.00 per 100; 18 to 20 ins., \$8.00 per doz., \$65.00 per 100.	
Bird of Paradise, Polcanana gilliesii.	
Liners, 10 to 15 ins., \$1.50 per doz., \$10.00 per 100; large, 18 to 24 ins., \$3.00 per doz., \$20.00 per 100; 30 to 36 ins., \$4.00 per doz., \$30.00 per 100.	
Cassia corymbosa, Shower of Gold.	
Hardy in the south, 10 to 15 ins., \$1.00 per doz., \$6.00 per 100; 30 to 36 ins., \$1.75 per doz., \$12.00 per 100.	
Glorybower, Clerodendron trichotomum.	
A grand, small tree; new, unusual and hardy. A great landscapers item. Good in shade, 10 to 18 ins., \$3.00 per doz., \$20.00 per 100; 20 to 30 ins., \$4.00 per doz., \$25.00 per 100.	
Scarlet Wistaria Tree, Deubentonia tripetiti.	
Small tree, 6 to 8 ft., fernlike foliage.	
Hardy to Tennessee, 12 to 18 ins., \$1.50 per doz., \$12.00 per 100; 24 to 30 ins., \$2.00 per doz., \$20.00 per 100; large, 36 to 48 ins., \$4.00 per doz., \$30.00 per 100.	
Chaste Tree, Vitex agnus-castus.	
10 to 12 ins., \$1.00 per doz., \$5.00 per 100; large, 30 to 36 ins., \$3.00 per doz., \$15.00 per 100.	
6 at dozen rate; 50 at 100 rate.	
Send for our list.	
RIEGLER PLANT CO., Experiment, Ga.	

WHOLESALE LIST

Immediate and Spring, 1952.	
Field-grown Evergreen Liners.	
All liners are well rooted and are first class	
Per 100 Per 1000	
Spiny Greek Juniper, liners	\$0.12 1/2 \$0.10
Spiny Greek Juniper, liners,	
2-yr., 8 to 18 ins.	.17 1/2 .15
Irish Juniper, liners,	
1-yr., 6 to 15 ins.	.12 1/2 .10
Irish Juniper, liners,	
2-yr., 8 to 24 ins.	.17 1/2 .15
Ashford Juniper, liners,	
1-yr., 6 to 15 ins.	.12 1/2 .10
Euonymus japonicus, liners,	
1-yr., 6 to 12 ins.	.10 .07 1/2
Nandina, seedlings, trans.,	
stocky plants	.10 .07 1/2
All stock offered is first class. It will be well graded and well packed in moss and tow to insure delivery in good condition.	
50 or more plants at 100 rate; 300 or more plants at 1000 rate.	
No packing charge when cash is sent with order.	
All orders will be appreciated and given prompt attention.	

NAUGHER NURSERY
Chase, Ala.

FINEST MICHIGAN-GROWN	
Chinese Flowering Crabs	Per 10
Arnold, 18 to 24 ins., bush-type	\$5.50
Atroragunea, 2 to 3 ft.	6.00
Eley, 3 to 4 ft., 2-yr., bush-type	7.00
Floribunda atra, 3 to 4 ft., bush-type	7.00
Scheideckeri, 2 to 3 ft., bush-type	6.00
Scheideckeri, 3 to 4 ft., bush-type	6.50
Purpleleaf Plums	
Prunus birciana,	
2 to 3 ft. bush-type	6.00
Prunus elatena,	
2-yr., 3 to 4 ft., bush-type	7.00
Prunus Newport,	
2-yr., 4 to 5 ft., bush-type	7.00
Cotoneaster div.,	
4-yr., TTT, 24 to 30 ins.	10.00
Moline Elms, 1-yr., 3 to 6 ft.	6.50
	Per 100
Cydonia jap. maulei,	
2-yr., 18 to 24 ins.	\$7.50
Viburnum dentatum,	
2-yr., 3 to 4 ins.	8.00
Viburnum opulus,	
2-yr., 8 to 14 ins.	8.00
Russian Olive, 1-yr., 15 to 24 ins.	8.00
Cash with order, please. Packing free.	
WEBB NURSERY CO.	
5528 Miller Rd., Swartz Creek, Mich.	

MIMOSA OR SILK TREE

Albizia julibrissin	
One of our most beautiful, medium sized trees. Ideal for parks, streets and general landscaping. Quick growth. This is fine stock, healthy and well grown.	
Per 100 Per 1000	
6 to 10 ins., liners	\$1.75 \$15.00
12 to 18 ins., liners	2.50 20.00
24 to 30 ins., liners	4.00 35.00
36 to 40 ins., seedlings	10.00 70.00
50 at 100 rate; 500 at 1000 rate.	
RIEGLER PLANT CO., Experiment, Ga.	

SHRUBS

Each per 1000	
2000 Cydonia japonica (Pink),	
2-yr. field, 18 to 24 ins.	\$0.30
1000 Kolkwitzia amabilis,	
2-yr. field, 18 to 24 ins.	.35
2-yr. field, 24 to 30 ins.	.40
1000 Salix Caprea (French Pussy Willow),	
2 to 3 ft.	.25
3 to 4 ft.	.30
W. N. SCARFF'S SONS	
New Carlisle, Ohio.	

SHADE TREES

LOMBARDY POPLAR (For tall, background hedging or screen. All nice, field grown from cuttings.)

Per 1000	
6 to 12 ins., C.	\$15.00
12 to 18 ins., C.	20.00
18 to 24 ins., C.	25.00
2 to 3 ft., C.	35.00
3 to 4 ft., C.	45.00
4 to 5 ft., C.	50.00
CHINESE ELM (Nice, straight trees, for lining out and growing on.)	
Per 1000	
6 to 12 ins., S.	\$10.00
12 to 18 ins., S.	15.00
18 to 24 ins., 2-yr. S.	25.00
2 to 3 ft., 2-yr. S.	35.00
3 to 4 ft., 2-yr. S.	50.00
4 to 5 ft., 2-yr. S.	80.00
10 per cent discount on orders for 5000 or more.	

BOYD NURSERY CO.

McMinnville, Tenn.

CHINESE ELM SHADE TREES	
Per 10	Per 100
3 to 4 ft.	\$ 3.50 \$ 30.00
4 to 5 ft.	4.50 40.00
5 to 6 ft.	6.00 50.00
6 to 8 ft.	8.00 75.00
8 to 10 ft.	11.00 100.00
1 1/2 to 1 1/2-in. cal.	13.50 125.00
CHINESE ELM SEEDLINGS	
Per 100	Per 1000
12 to 13 ins.	\$ 1.75 \$ 15.00
18 to 24 ins.	2.50 22.00
2 to 3 ft.	3.50 32.00
3 to 4 ft.	5.00 45.00
4 to 5 ft.	7.50 70.00
5 to 6 ft.	15.00 125.00
6 to 8 ft., trimmed and	
straight	50.00
Boxes charged at cost. No packing charge.	

FLORAL NURSERIES

R. F. D. 1, Winfield, Kan.

LINING-OUT STOCK

Field-grown. Per 100 Per 1000	
Honeyauklee, heckrotti,	
12 to 18 ins.	\$12.00
Spiraea froebel,	
8 to 10 ins.	10.00
Spiraea froebel,	
6 to 8 ins.	8.00
From 1 1/2-in. pots.	
Snowball, Common	10.00 90.00
Spiraea Anthony Waterer	9.00 85.00
Spiraea froebel	7.00 65.00
Euonymus patens (true)	12.00
Euonymus carrierei	10.00 85.00
Hardwood Cuttings.	
Amur River North Privet	.40 3.50
California Privet	.40 3.50
Cash, please. No packing charges.	
PRITCHARD NURSERIES	
Rt. 4, Ottawa, Kan.	

FLOWERING CRABS, PLUMS

Hopa, 3 to 4 ft., \$0.60; 4 to 5 ft., \$0.80;	
5 to 6 ft., \$1.00. Whips, 30 per cent less.	
Eley, 3 to 4 ft., \$0.80; 4 to 5 ft., \$1.00;	
5 to 6 ft., \$1.25. Whips, 30 per cent less.	
Also limited supply of Adstringens, Atroragunea, Aldenham, Dolgo, Micromalus, Red Silver, Scheidecker, Zumi Calocarpa.	
New, limited supply, Charlotte, Dorothea, Gloriosa, Katherine Nieuwandiana, Prince Georges, Redfield, Redford, 2 to 3 ft., \$1.00;	
3 to 4 ft., \$1.35; 4 to 5 ft., \$1.65.	
Thunder Cloud, Newport Plum, 3 to 4 ft., \$0.90; 4 to 5 ft., \$1.10; 5 to 6 ft., \$1.25.	
Prices are per 10 rate. Packing at cost.	
SIMPSON ORCHARD CO.	
Box 88, Vincennes, Ind.	

PIN OAK (Quercus palustris) whips.

These 3-year, field-grown transplants will make finished stock in a hurry and are not to be confused with seedlings. We think you will agree that they are an exceptional value at the following prices:

Each Per 100 Per 1000	
12 to 18 ins.	\$0.13 \$0.10
18 to 24 ins.	.18 .15
24 to 36 ins.	.25 .20
50 at the 100 rate; 500 or more take 1000 rate.	

No packing charges.

FORREST KEELING NURSERY
Elasberry, Mo.

CHINESE CHESTNUT

Blight-resistant, heavy producing; strain, twice trans. at reduced prices as follows:

Per 100	
2 to 3 ft.	\$50.00
3 to 4 ft.	60.00
4 to 5 ft.	70.00
5 to 6 ft.	80.00
6 to 8 ft., \$1.10 each.	
50 trees at 100 rate, less than 50 trees add 10c per tree to any grade except the 6 to 8-ft. grade.	

HOME NURSERY CO., Fort Gay, W. Va.

Phone: 89-W

CHINESE ELM

Transplants Each—Per 100 Per 1000	
70 1 1/2 to 1 1/2-in. cal.	\$1.50 \$1.35
175 1 1/2 to 2 -in. cal.	2.20 2.00
190 2 to 2 1/2-in. cal.	3.00 2.00
30 2 1/2 to 3 -in. cal.	3.75

These trees are straight, well branched and heavily rooted. Prices F.O.B. Loveland. Packing at cost and subject to prior sales.

KROH BROS. NURSERIES
Loveland, Colo.

SHRUB LINERS.

	Per 100	Per 1000
<i>Forsythia spectabilis</i> , 4 to 6 ins.....	\$ 6.00	\$ 60.00
<i>Forsythia Spring Glory</i> , 4 to 6 ins.....	10.00	90.00
<i>Deutzia gracilis</i> , 4 to 6 ins.....	8.00	75.00
<i>Euonymus vegetus</i> , 4 to 6 ins.....	8.00	75.00
<i>Euonymus vegetus</i> , 6 to 8 ins.....	12.00	110.00

PLANE VIEW NURSERY

Newport, R. I.

EUROPEAN WHITE BIRCH.

Betula Alba.

	Per 100	Per 1000
3 to 4 ft.....	\$12.50	\$100.00
2 to 3 ft.....	7.50	65.00
18 to 24 ins.....	6.50	65.00
12 to 18 ins.....	5.00	45.00
9 to 12 ins.....	4.00	35.00
6 to 9 ins.....	3.00	25.00

POWELL VALLEY NURSERY

210 S.E. Vista Ave., Gresham, Ore.

A few large 3 and 4-year-old Apple, Jonathan, York, Winesap, Stayman, Red and Yellow Delicious, Rome Beauty, Grimes Golden, 1 to 1 1/2 in., \$65.00; 1 1/2 to 1 3/4 in., \$100.00. A few 1 1/2 in., \$125.00 per 100. 500 American Ash, 1 1/2 to 1 3/4 in., \$1.50; 1 1/2 to 2 in., \$1.85; 2 to 2 1/2 in., \$3.00 ea. Soft and hard Maple from 1 to 3-in. cal.

EGYPTIAN NURSERY & LANDSCAPE CO.

Phone: 64 Farina, Ill.

FORSYTHIA.

Forsythia Spring Glory (new). Strong 1-yr. transplants, 15 to 24 ins., 2 branches and up.

\$16.00 per 100.

\$150.00 per 1000.

The new pale yellow Forsythia which is rapidly gaining in popularity.

C. HOOGENDOORN

Turner Road Newport, R. I.

LINING-OUT STOCK.

Each per 1000

10,000 <i>Kolkwitzia amabilis</i> , tr., 12 to 15 ins.....	\$0.15
tr., 9 to 12 ins.....	.12 1/2
tr., 6 to 9 ins.....	.10
5000 <i>Kerria japonica pleniflora</i> , 2-yr., 2-in. pots.....	.08 1/2

W. N. SCARFF'S SONS

New Carlisle, Ohio

Really nice, collected Red Cedars.

4 to 10 ins., \$20.00 per 1000.

10 to 15 ins., \$25.00 per 1000.

15 to 24 ins., \$7.50 per 100.

24 to 36 ins., \$12.50 per 100.

3 to 4 ft., \$17.50 per 100.

Write for prices on large-size liners as follows: Sycamore, Redbud, Dogwood, American Elm, etc.

ROLLERS NURSERY, Rogers, Ark.

BEAUTY BUSH.

Kolkwitzia amabilis (Beauty Bush). Strong 2-yr., tr., 12 to 18 ins., branched.

\$20.00 per 100.

\$175.00 per 1000.

These are strong liners and could be used for mail-order business.

C. HOOGENDOORN

Turner Road Newport, R. I.

BEACH PLUM.

Prunus Maritima.

12 to 18 ins., 2-yr. transplants.....	Per 100
18 to 24 ins., 2-yr. transplants.....	\$25.00
2 to 3 ft., 2-yr. transplants.....	35.00
4 to 6 ft., 2-yr. transplants.....	45.00

C. H. STEELMAN FRUIT NURSERY

R. D. 3, Princeton, N. J.

LINING-OUT STOCK, 1952.

Per 100 Per 1000

<i>Cornus florida</i> , 1-yr. grafting size.....	\$8.00	\$75.00
<i>Cornus florida</i> , 1-yr. L.O. #.....	7.00	60.00

Additional liners including novelties. List on request.

GULF STREAM NURSERY, Inc.

Wachapreague, Va.

VIBURNUM.

Viburnum carlesii.

Strong 1-yr., grafts, 10 to 18 ins.	Per 100
65.00 per 100.	
600.00 per 1000.	

C. HOOGENDOORN

Turner Road Newport, R. I.

Ilex rotundifolia, R.C., 2 to 4 ins., \$7.00 per 100; \$60.00 per 1000.

Ilex rotundifolia, R.C., 4 to 6 ins., \$8.00 per 100; \$70.00 per 1000.

Gardenia Mystery (hardy), R.C., \$8.00 per 100; \$70.00 per 1000.

BROSEMER NURSERY, Huntsville, Ala.

BEACH PLUM.

Prunus Maritima. Strong 1-yr. seedlings, 6 to 12 ins.

\$10.00 per 100.

\$90.00 per 1000.

C. HOOGENDOORN

Turner Road Newport, R. I.

Redbud (American), profuse bloomer, rose-red blossoms, well branched, field-grown.

4 to 5 ft., \$0.75; 5 to 6 ft., \$1.00; 6 to 8 ft., \$1.50. AYNES NURSERY, 4000 N. Santa Fe, Oklahoma City, Okla.

FLOWERING CRABS.

	Each
Hopa and Eley, 3 to 4 ft.....	\$0.85
Hopa and Eley, 4 to 5 ft.....	1.25
Bechtel's Crab, 2 to 3 ft.....	.85
Bechtel's Crab, 3 to 4 ft.....	1.25

See our Classified Ad in this issue under EVERGREENS.

T. G. OWEN & SON, Inc.

Columbus, Mississippi

VEGETABLE ROOTS

	Per 100	Per 1000
Asparagus, Washington, 2-yr.....	\$1.60	\$15.00
Asparagus, Washington, 1-yr.....	1.40	12.00
Horae-radish, whole roots.....	4.50	35.00
Horae-radish, 6 in. cuttings.....	2.50	20.00
Rhubarb, whole root, 1/2 to 3/4 in.....	3.00	27.50

Cash, please. No packing charges.

PRITCHARD NURSERIES

Rt. 4, Ottawa, Kan.

VINES

CLEMATIS.

Clematis montana rubens (Anemone Clematis).

Strong 2-yr. field-grown plants, staked, 3 to 4 ft.

\$100.00 per 100.

A strong vigorous, extremely hardy variety. Will thrive under most adverse conditions. Clusters of anemone-like flowers which open up in May. One of the most dependable Clematis.

C. HOOGENDOORN

Turner Road Newport, R. I.

VINES.

	Each per 1000
5000 <i>Clematis paniculata</i> , 1-yr., No. 1.....	\$0.20
1-yr., medium.....	.15
5000 <i>Euonymus coloratus</i> , 2-yr., field-grown.....	.30

W. N. SCARFF'S SONS

New Carlisle, Ohio

SUPPLIES

FLATS

Made from a good grade of Southern Yellow Pine, since Cypress is not available. Standard specifications, inside measurements.

KNOCK-DOWN FLATS.

16x12x2 3/4.....	\$18.82 per 100
16x14x3 3/4.....	24.98 per 100
20x14x2 3/4.....	24.56 per 100
20x14x3 3/4.....	28.68 per 100
22 1/2 x15x2 3/4.....	28.14 per 100
22 1/2 x15x3 3/4.....	32.63 per 100

All other sizes quoted on request. Prices F.O.B. Birmingham.

We are manufacturers, not jobbers. Freight to any point is a small item per Flat. Our Flats are the best. Why pay more? Our quality guaranteed. Prompt shipment, any quantity. Attach check to order.

We make mixed shipments of flats, plant boxes and spray boards.

HIGHTOWER BOX & TANK CO.

Birmingham, Ala.

REDWOOD FLATS, K. D.

Finest stock obtainable. Guaranteed all clear heart. Size 20x15x3 ins. inside measure, \$42.00 per 100.

1x1-in. Cypress stakes, pointed.

50 pcs. to bundle, 4 ft., \$3.50 per bdl.

50 pcs. to bundle, 6 ft., \$5.50 per bdl.

Ship same day. Cash with order, please.

YOH & HOOKER, Youngstown 2, Ohio

MINNESOTA WHITE CEDAR FLATS.

12x16x3 3/4.....	\$18.50 per 100
14x16x3 3/4.....	24.50 per 100
14x20x2 3/4.....	24.00 per 100
5x5x16.....	18.50 per 100

Other sizes quoted on request. F.O.B. Cook, Minn. Please attach check.

H. C. HILL & SONS, Cook, Minn.

LABELS

WOOD LABELS.

SHIPPING CHARGES PREPAID.

Delivered price per carton

Plain Painted

3 1/2-in. copper wired

(1000 to ctn.).....\$2.20 \$3.80

4-in. pot label (1000 to ctn.).....2.65 3.10

5-in. pot label (1000 to ctn.).....2.90 3.40

6-in. pot label (1000 to ctn.).....3.30 3.80

8-in. pot label (500 to ctn.).....2.45 3.05

10-in. pot label (500 to ctn.).....3.00 3.50

12-in. pot label (500 to ctn.).....3.50 4.15

8-in. garden label (250 to ctn.).....2.00 2.25

10-in. garden label (250 to ctn.).....2.20 2.50

12-in. garden label (250 to ctn.).....3.50 4.00

These are delivered prices. Send check with order.

ANTHONY & CO.

Box 473, Escanaba, Mich.

MISCELLANEOUS

EVERGREENS, SHRUBS AND

HARDY FERNS, COLLECTED

Per 1000

Canadian Hemlock, seedlings, 6 to 18 ins.....	\$20.00
<i>Ilex opaca</i> , American Holly, seedlings, 6 to 18 ins.....	20.00
<i>Symphoricarpos vulgaris</i> , Red Coralberry, 18 to 24 ins.....	20.00

NOLERIDGE NURSERIES

P. O. Box 26, McMinnville, Tenn.

Advertisers' Experience Shows

American Nurseryman Classified Ads

Bring Results.

WANTED

WANTED

300 SARGENT JAPANESE CHERRY TREES

We wish to secure trees uniform in size, 10 ft. or more, for planting in Spring of 1953. Quote prices F.O.B.

Mt. Lebanon TOWNSHIP FORESTER

710 Washington Rd., Pittsburgh 28, Pa.

WANTED—Herb plants. *Vitex agnus-*

castus, Orange Mint, Apple Mint, Lemon

Balm, Solidago odora, Pineapple Sage, Penny-

royal.

C. A. CROTTY

1018 N. California Ave., Palo Alto, Calif.

WANTED.

25,000 Multiflora Rose, *Japonica* upright

thorny type, 1-yr., 10 to 20-in. seedlings.

Quote price.

SUNCREST EVERGREEN NURSERIES

Box 594, Johnstown, Pa.

WANTED.

20 *Prunus maritima*, 10 about 4 to 5 ft.

and 10 about 3 to 4 ft. Must be vigorous and

bushy.

PALMER'S NURSERIES, Rye, N. Y.

WANTED

Liners and salable stock of *Weigela Vanleeck*.

BEARDSLEE NURSERY, Perry, Ohio

DAHLIA OR TREE LABELS.

Priced per 1000

plain painted

3 1/2 x 5/8 ins., notched, not wired.....\$2.50 \$3.00

3 1/2 x 5/8 ins., wired (copper).....3.30 4.10

POT LABELS.

4x4 ins. (cartons 1000 each).....2.75 3.30

5x5 ins. (cartons 1000 each).....3.00 3.60

6x6 ins. (cartons 1000 each).....3.30 4.00

Priced per carton.

8x8 ins. (cartons 500 each).....2.40 3.00

10x10 ins. (cartons 500 each).....3.00 3.60

GARDEN STAKES.

Priced per carton.

8x 3/4 ins. (cartons 250 each).....2.00 2.54

10x 3/4 ins. (cartons 250 each).....2.20 2.46

12x1 1/4 ins. (cartons 100 each).....1.40 1.60

Our labels are perfectly white and smooth

on both sides and are pronounced by growers

the best and most economical.

"We ship the same day."

YOH & HOOKER

Youngstown 2, Ohio

PEAT

TRY GENUINE "HIGH NITROGEN"

MICHIGAN PEAT.

Tops in quality, packaging; pH4.5. Use

M.P. in potting, bench soils, mulching. Best

for azaleas, ericas, lawns, all plant life. USE

IT—SELL IT. Sell our 5 sizes rot-proof bags.

Call Capac 62 collect, to order. Prices F.O.B.

peat bogs, Capac, Mich. Lowest prices, best

quality, best bags.

10-4-bushel (100-lb. large bags).....\$1.95 ea.

10-2-bushel (50-lb. large bags).....1.10 ea.

MICHIGAN PEAT, Inc., Capac, Mich.

SPHAGNUM MOSS

WISCONSIN'S QUALITY SPHAGNUM

MOSS.

Clean, long-fibered, solidly packed in bur-

lapped or wired bales of standard size,

direct from drying beds. None better.

Trucked when feasible.

WARREN'S MOSS CO., Box 7, Warrens, Wis.

STAKES

STAKES, GALVANIZED HARD STEEL.

STAKE FASTENERS and COTTON TWINE.

Prices and samples sent upon request.

SCHUPP SUPPLY CO., Wilmette, Ill.

MISCELLANEOUS

GOSLINGS—Standard breeds. Low-cost

weaners. Write today for free catalog and

prices. HEART OF MISSOURI POULTRY

FARM, Rt. 4N, Columbia, Mo.

WANT ADS

Help and Situation Wanted and For Sale Advertisements.

Display: \$3.50 per inch, each insertion.

Lines: 30¢ line; minimum order **\$3.00.**

HELP WANTED

Landscape foreman, to take charge of general landscaping and nursery planting operation. Experienced in grading, seeding, large tree moving and pruning, stonework, planting and plant maintenance. Full-time work guaranteed working on private homes and estates. Locality, southwestern Pennsylvania. Salary of \$4,000.00 per year plus bonus to right man. Give references and experience in first letter. All applications confidential and will be answered as to our decision. Address Box 855, care of American Nurseryman.

HELP WANTED

Experienced nurseryman. Horticulturist to manage exhibition garden and supervise nursery business. Experience in landscape work and propagation, plus good knowledge of plants and trees, is necessary. Specialize in hollies, camellias, azaleas, broad-leaved evergreens. Small greenhouse, 6-acre nursery and crew of eight men to be handled. Nursery and all garden areas equipped with Skinner irrigation system.

Man qualifying for this position will have good financial opportunities—a good starting salary. Should be ambitious and able to assume complete responsibility. References required.

CLARENDON GARDENS
AND NURSERY

Box 1065 Pinehurst, N. C.

HELP WANTED

Landscape architect or salesman capable of drawing plans, meeting the public and selling. Give full particulars, age, experience and salary expected. Permanent position.

KANSAS LANDSCAPE
& NURSERY CO.
Salina, Kan.

HELP WANTED

Need general handy man for nursery and greenhouses. Able to handle men as if he owned the place, and drive. Lifelong position.

P. T. CASSIN
1278 Hart St. Mentor, Ohio

HELP WANTED

Experienced landscape man, capable of taking complete charge of new landscape division of nursery, established for 30 years, in southwest Ohio. Work includes selling the job, drawing plans, selection of stock, planting, etc. Must be a producer and be available for early spring. Write full particulars, stating experience, salary expected, etc. All correspondence confidential. Address Box 856, care of American Nurseryman.

HELP WANTED

Landscape designer and salesman, by nursery in Kentucky. Must meet public, draw plans, supervise planting jobs. Permanent position for right man. Starting salary \$300.00 per month, commission basis after established. Address Box 858, care of American Nurseryman.

FOR SALE

Business opportunity. Operating manager for nursery. Real opportunity for experienced, aggressive nurseryman. 25 acres partly planted with salable material, balance all cleared and some cultivated for new stock. Two greenhouses on property to be assembled, equipment shed and cold cellar; large, modern ranch-type home. Due to being an amputee I need operators and participating investors, so only applicants financially able to purchase substantial amount of stock will be considered. All employees must be stockholders and participate in the profits. In the near future it will make one of the best garden centers on Long Island. Located on the Northern State Parkway Extension where Dix Hills road crosses bridge. You can see the entire nursery from the Parkway. Look it over from the road, or see Mr. Edmond Rabut on Sunday, by appointment. Phone Huntington 3111 M. Reply AIR MAIL before March 1 to:

FRANK R. FAULK
Cruz Bay, Virgin Islands

FOR SALE

Business opportunity. Have ideal location for garden center in midst of developed Long Island, located at Willis Avenue, next to Northern State Parkway exit. Office, house and grounds formerly used by Faulk & Co., Inc. This is the right spot for an aggressive person who can invest a substantial sum, knows plants, where and how to buy. Must have excellent reputation and references. Look it over if you wish. Can expand to 40 acres. Reply AIR MAIL before March 1 to:

FRANK R. FAULK
Cruz Bay, Virgin Islands

FOR SALE

Nursery, 50 acres, wholesale and retail business. Completely equipped, more than \$32,000.00 in stock consisting of over 10,000 trees and shrubs. Sprinkler system, good buildings. Only 10 miles from Minneapolis and St. Paul. Total price only \$35,000.00.

J. P. KOELSCH REALTY CO.
2827 Hennepin Ave. Minneapolis 8, Minn.

FOR SALE

Bean sprayer, 58 MT, 25 g.p.m., 400-gallon tank, Continental engine, automatic starter. Used two seasons, in excellent condition.

ACME TREE SERVICE
5155 Crookshank Rd.
Cincinnati 38, Ohio

SITUATION WANTED

Propagator, college graduate, with 15 years' experience in all phases of nursery and greenhouse operation. Middle-aged, married. Excellent references. Midwest, west or northeast preferred.

Address Box 860,
care of American Nurseryman.

FOR SALE—Nursery established 1939, with two greenhouses, two artesian wells; covers ½ city block, centrally located in Carson; 2-bedroom house newly decorated and furnished inside; garage. Nursery is well stocked. Healthy, dry climate. Have excellent reason for selling. \$12,000.00 complete or will take \$3,000.00 down, balance over ten years at 4½ per cent. **CARSON CITY NURSERY**, 704 Phillip, Carson City, Nev. Phone: 1181-W.

HELP WANTED

Nurseryman, must be experienced in shrubbery and handling the trade. Will offer a partnership to the right man. Must be hard worker and sober.

COLEY'S NURSERY

1495-1525 Madden Ave.
Macon, Ga.

HELP WANTED

Nursery sales market manager, Experienced and capable man to manage both sales and landscape planting operations. Permanent position for a nurseryman with experience and ambition. Security, pleasant working conditions and a future for the right man. State experience, salary and give references. All replies held confidential.

SOUTH HILLS NURSERIES

1600 Washington Rd.
Pittsburgh 28, Pa.
Lo. 1-0430

HELP WANTED—Good salary and bonus offered experienced landscape designer with ability in executing and supervising small landscape plantings. Established Long Island firm of landscape contractors has exceptional opportunity with sound future for aggressive, capable man able to assume responsibility. For interview, address Box 853, care of American Nurseryman.

HELP WANTED—Experienced retail nursery market salesman, able to eventually take charge. Well known nursery in vicinity of metropolitan New York. Good working conditions. Give full particulars including salary expected. Address Box 857, care of American Nurseryman.

SAGINAW VALLEY BANQUET

About 100 members and guests of the Saginaw Valley Nurserymen's Association recently attended the fifth annual banquet at Bay City, Mich. Dr. F. J. McDonald, McDonald's Nursery, Inc., Saginaw, acted as toastmaster. He introduced Prof. F. L. O'Rourke, department of horticulture, Michigan State College, Lansing, who addressed the group briefly. After the short program, guests were entertained with music and dancing.

Officers of the organization are as follows: William Schlitt, Wil-Fred-Mel-Dale Nursery, Bay City, president; R. W. Steffer, Bay City Nurseries, Bay City, vice-president; George Ward, Bay City, treasurer; Theodore Lactz, Lactz Hobby Farm Nursery, Bay City, secretary. John Stark, Stark Nursery, Midland, and Don Rice, Saginaw, are directors.

MICHIGAN MEETING

[Continued from page 7]

tomers resistance, he continued. If the quality of the product can be demonstrated, objections to the price or other factors can be met more successfully. Another effective way to overcome price objections is to point out how low the cost per annum becomes when the price is spread out over the period of time during which the materials might be expected to endure. When this method is used, the difference in cost between a \$150 job and a \$200 job becomes a matter of little concern.

As the second portion of his talk, Professor Brunner offered some suggestions in the expanding field of telephone selling. He pointed out that stores that had pushed this medium found that telephone sales accounted for from 5 to 10 per cent of their total volume.

When a customer phones for an item, he said, the salesman should use the same techniques of related selling that are used in face-to-face contact. He should point out that the use of the related merchandise will help the customer to realize the maximum value from the item she originally wanted.

Telephone selling works both ways, the speaker pointed out. In addition to handling incoming calls, the nursery should make some calls of its own to inform prospective customers of new items in stock and to solicit patronage. This personalized form of selling gives the small store a com-

You can depend on
PARAGON SPRAYER
No. 3



-in
Chemical Warfare



single wheel truck
if specified

rubber tires
optional

Yes. "Chemical Warfare"—the only kind of fighting that can destroy the pests that invade your nurseries. Only by spraying your growing stock with potent chemical solutions can you ever kill them or prevent their young from developing.

Paragon Sprayer No. 3 is the dependable sprayer for nurserymen. Just the right size . . . 12-gallon capacity. The truck (single wheel or two-wheel) is easy to push. It stands steady on uneven ground. 16-inch wheels make wheeling easy.

The pump is not submerged, insuring longer life. Strainer reaches to the very bottom of the container and is cleaned by every stroke of the pump handle. Agitator prevents solution from settling in container. Will not clog.

• Buy Paragon Sprayers from your dealer or write for catalog and price list.

THE CAMPBELL-HAUSFELD CO.

503 State St.

Harrison, Ohio

Vitalize your transplants with

D-WAX

emulsifiable wax preparation for transplanting trees and shrubs, designed to—

- ✓ Reduce Mortality
- ✓ Promote Growth
- ✓ Extend Planting Season
- ✓ Prevent Xmas Tree Needle-fall
- ✓ INCREASE YOUR PROFITS

D-WAX, when applied to deciduous, evergreen, ornamental, fruit trees and shrubs, helps plants retain their moisture. **D-WAX** can be used with any type sprayer. One application is usually all that is required.

Manufactured by

PLANT PRODUCTS CORPORATION
Blue Point, L. I., New York

BURLAP SQUARES

Cut from used burlap.
16x16 ins. to 40x40 ins.

Mesh Cotton Net Squares
32x32 ins.

Burlap Strips

Write for our low prices.

GENERAL PACKAGE CORP.

220-224 Badger Ave.
NEWARK 8, N. J.

PRONOUNCING DICTIONARY of Plant Names

64 pages, 3000 names, 25¢ per copy
American Nurseryman Chicago 4.

No Experience Needed To PRINT YOUR OWN POST CARDS

The GEM STENCIL DUPLICATOR saves money . . . gets results quickly! Hundreds of uses for every type of business and organization. We ship the GEM complete with all supplies, Guide Book for accurate printing and 60-page Book of Ideas at the special low price of only **\$8.50** (a \$15.00 value)

FREE TRIAL OFFER

Use the GEM **FREE** at our expense! SEND NO MONEY. Write and complete GEM outfit will be sent you postpaid. After ten days, send us only **\$8.50** or return the GEM. You must be satisfied! WRITE TODAY.

BOND EQUIPMENT CO. Dept. 22
6633 Enright • St. Louis 5, Mo.

Cut Costs...Increase Profits FROM YOUR FLOWERS • PLANTS • SHRUBS • TREES • EVERGREENS

ALFCO American LIQUID FERTILIZER (5-10-5)

gives them a **Balanced Diet** as you water them!

For years nurserymen and greenhouse growers sought better, faster, more economical fertilizing methods. Then came the development of liquid fertilizer. It's use has grown by leaps and bounds because it works... saves labor... offers greater control over growth, both in time and quality. ALFCO is a better liquid fertilizer, perfectly balanced, with valuable minerals added.

ALFCO works fast... better!

Easy and Economical to use!

Dissolves completely, makes all its nutrients immediately available to plants. Its balanced formula supplies needed elements to all parts of plants... roots, stems and leaves... in the right proportions! Balanced nutrition results in healthier, better balanced plants.

Just add a small amount of ALFCO to your water. Whether you water by hand or special system, ALFCO is readily adaptable to your present equipment. Either way it saves you time, money and labor!... increases profits.

Write us for full information and FREE Literature

ALFCO American LIQUID FERTILIZER CO.
P. O. Box 1662 • Charlotte, North Carolina



Read what one prominent North Carolina Nurseryman says

MECKLENBURG NURSERIES, INC.
Landscape Nursery - Wholesale Office Only • 1100 ST. JOHN AVE.
CHARLOTTE, N. C.
March 14, 1951

American Liquid Fertilizer Co.
Charlotte, N. C.

Continued:

We used your liquid fertilizer last season almost exclusively on shrubs, as well as on various types of trees and evergreens, and found it very satisfactory. This material was especially valuable to us on plants which we grow in containers for retail sale during the winter months. Naturally we intend to use the same material this season, and we are glad to recommend its use to our customers, and nurserymen in general.

Very truly yours,

W. H. B. Brown, Jr.

petitive advantage, because large stores could not profitably engage in it. It is important, he added, always to deliver good stock in response to telephone orders, since the customer is buying sight unseen and relies on the nurseryman's integrity.

Flight to Europe

The Thursday afternoon session was opened by Dr. H. B. Tukey, head of the department of horticulture, Michigan State College, who presented a color slide lecture on his "Horticultural Flight to Europe." The slides were beautiful, and the subject matter was fascinating. The excellent continuity of the pictures gave the viewer a feeling of participating in the entire trip. The audience learned that the Europeans have their own ideas on the nursery business and are doing well at it.

Chalmers Brown, of the Michigan Bell Telephone Co., outlined the advantages of advertising in the classified telephone directory. Mr. Brown cited surveys to show that an average of 90 per cent of persons in the cities surveyed used the classified directory when seeking sources of products and services. He said that directory advertising was an important link in the merchandising chain; it directs the consumer to products which he originally learns about through other advertising media.

Mr. Brown said that the Michigan Bell Telephone Co. is preparing an improved cross-reference system in classified directories for the nursery industry. As an example, he explained that such listings as "Trees," "Shrubs," "Evergreens" and "Christmas Trees" will be included in the book with the direction "See Nurserymen" under each. The idea is to direct the consumer to the nursery listings even if he chooses to look up nursery stock under a number of other names.

On Friday, Dr. Richard P. White, executive secretary of the American

The Homestead Nurseries H. G. Benckhuysen, Boskoop, Holland

Azaleas, Rhododendrons, Magnolias, Peonies, Ornamental Trees and Shrubs, Perennials — Quality Stock in All Leading Varieties. Trade catalog on request.

METAL LABEL MARKERS

Immediate Delivery

Steel wire stakes with galvanized or green enamel finish — Aluminum and Galvanized Labels.

Also other Ideal Garden Gadgets.

SEND FOR
DESCRIPTIVE FOLDERS
TODAY



LANSING SPECIALTIES MFG. CO.
LANSING 12, MICH

CUT-LEAF WEEPING BIRCH

(Betula Laciniata on White Birch)
Well branched, very fibrous roots.

	Each	Per 10	Per 100	Per 1000
4 to 5 ft.	\$2.25	\$2.10	\$1.00	
5 to 6 ft.	2.50	2.30	1.70	
6 to 7 ft.	2.60	2.50	1.90	
7 to 8 ft.	2.80	2.70	2.00	
8 to 10 ft.	3.10	3.00	2.60	

NEW OTTAWA FLOWERING CRABS

Amisk, pink; Arrow, purple; Geneva, dark red; Makamik, rose; Scugog, purple; Sissipuk, rose and white.

All trees well branched.

	Each	Per 10	Per 100	Per 1000
18 to 24 ins.	\$0.55	\$0.50	\$0.40	
2 to 3 ft.	.70	.65	.55	
3 to 4 ft.	.85	.80	.70	
4 to 5 ft.	1.00	.95	.85	
5 to 6 ft.	1.25	1.10	1.00	
6 to 8 ft.	1.35	1.25	1.15	

BROOKDALE - KINGSWAY NURSERIES

Bowmanville, Ontario, Canada

FA. LE FEBER & CO.

BOSKOOP, HOLLAND
Established 1907
Wholesale Nurseries
Growers of

ACER AZALEA
CLEMATIS EVERGREENS
MAGNOLIA RHODODENDRON
LINING-OUT STOCK

Representative:

LIDA STRNAD
148 Parkhill Rd.
Peterboro, Ont., Canada

Holland-Grown Nursery Stock

Shrubs and Trees
including liners.
Rhododendrons and Azaleas
Hardy Perennials
Peonies
NOVELTIES IN ALL LINES
Ask for wholesale catalog.

F. J. Grootendorst & Sons

BOSKOOP, HOLLAND
Growers and exporters since 1903

Maurice C. Ravensberg

Boskoop, Holland

Reliable firm for general Nursery
Stock and Belgian plants.
Catalog on application.

VUYK VAN NES BOSKOOP HOLLAND

Originators of Azalea Vuyklana.
Growers of choice Nursery Stock.
Please direct your correspondence to:
140 CEDAR ST. NEW YORK 6, N. Y.

Association of Nurserymen, urged his listeners to take advantage of the benefits of belonging to the national association. He recalled several instances in which only action by a national organization would have been adequate to protect the interests of the industry, cases in which state and local groups could not have done the job. It was the A. A. N., he pointed out, that brought about the classification of the nursery industry as agriculture and thus exempted it from price control regulations.

Other advantages of A. A. N. membership which Dr. White mentioned included the merchandising and sales bulletins, "Dividends," the news-letter, the group insurance program and aid with personal problems.

Another enterprising salesman of the nursery industry followed Dr. White. He was Howard P. Quadland, director of information for the A. A. N., who gave the Michigan nurserymen some resounding reasons for implementing the "Plant America" program in the state. Mr. Quadland hammered home the promotion theme and urged his audience to get behind this prize-winning campaign which benefits the industry and the nation at the same time. Along the way he pointed out the startling fact that people who raise their own fruit are obtaining 300 cents in purchasing power from their dollar, while those who buy fruit at retail are forced to use 30-cent dollars. This is certainly a convincing argument for raising one's own fruit!

Summer Meeting Dropped

At a business meeting, members of the Michigan association voted to dispense with their usual summer sessions this year in deference to the A. A. N. convention to be held at

FOR PERFECT COMPOST



SCREENED
SHREDDED
GROUND
MIXED
PILED

This portable compost grinder separates trash from wanted material, grinds tough organic matter, wet or dry, through roller screens, mixes earth with compost as you like it. Sold with or without motor. Write for name of nearest dealer and free compost circular.

W-W GRINDER CORP.

DEPT. F

WICHITA, KANSAS

PUSH BUTTON BALLING IS HERE JIFFY BALLING MACHINE

Balls

EVERGREENS♦♦♦

SHRUBS♦♦♦

TREES♦♦♦

**WITH PERFECT BALLS IN LESS THAN A
MINUTE IN AVERAGE FIELD CONDITIONS**

The **JIFFY BALLING MACHINE** mounted on
the Ford or Ferguson tractors.



Patent Applied For

The **JIFFY BALLING MACHINE** mounted on the Farmall AV
tractor with the **JIFFY AV MOUNTING FRAME PACKAGE**.



Notice the clearance the AV tractor offers. A full 27½ ins.
that enables you to select stock four feet and taller.

Sold exclusively by the
JIFFY BALLING CO.
LONG LAKE, MINN.

HANDLE THE BIG JOBS!

Make More Money with a



"ROCKER" TREE MOVER!

No need to let the big-money jobs get away! You can easily handle trees up to 12 inches quickly and economically with this newly patented tree mover. Operating on a new "rocker" principle, this sturdy piece of equipment rocks back for easy loading and unloading . . . rocks forward to balance the load. It can be fitted to any standard truck chassis and removed, when desired, to put the truck to other uses. You can easily load big trees on other trucks or trailers with this equipment, too. Available in two sizes, this mover is now in use in leading nurseries and parks throughout the country. Write for detailed specifications and prices.

WILLIAMS & HARVEY NURSERIES

P. O. Box 7068

Country Club Station

Kansas City 2, Mo.

ROPER-

POST HOLE DIGGER



FULL YEAR
GUARANTEE

plant heavier, wider trees
and shrubbery with the
EXTRA-WIDE 18 to 24-in.
diameter digger

Works perfectly in shale, stony
clay, sandstone, any tough soil.
Easily installed by one man in 5 minutes;
fits any jeep or tractor. Cuts planting and
transplanting time way down.

NO SWING OR SWAY . . . Stays rigid while
digging . . . digs straight or at any angle,
adjustable for hillside digging.

NO WOBBLING or breaking . . . Safety
shear pin is at universal and is easily re-
placed in field.

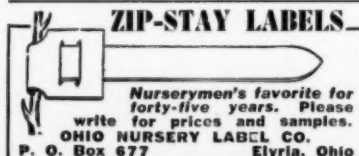
Write for free infor-
mation and name of
nearest dealer. FULL
YEAR GUARANTEE
on all parts and
workmanship . . .

Roper

MFG. COMPANY
ZANESVILLE,
OHIO

DEALERS—DISTRIBUTORS—WRITE!
SOME TERRITORIES AVAILABLE

ZIP-STAY LABELS



FERTO-POT

Made of cow manure; plant eats pot.
2-in., \$2.75 per 100; 2½-in., \$3.25 per
100; 3-in., \$4.00 per 100. Prepaid. Bulk
prices, \$18.00 per 1000 up. Booklet free.

ALLEN CO.
PITTSBURGH 3, N. J.

Detroit in July. At the same time they voted to hold their January, 1953, meeting at Grand Rapids.

Social highlights included a reception on the evening of January 30 and the annual banquet and entertainment the following evening. Aside from these planned events, there were informal gatherings and the general fellowship which makes convention attendance worth while.

A. A. N. Chapter Meets

Members attending a meeting of the Michigan chapter of the American Association of Nurserymen voted to re-elect all officers for another year. They are Harold E. Hunziker, president; John J. B. Light, vice-president, and Bernard Ward, secretary-treasurer. Ernest F. Durrant was elected A. A. N. delegate to replace Charles B. Greening, Greening Nursery Co., Monroe. Mr. Durrant joins holdover delegates A. W. Krieger, Krieger's Wholesale Nursery, Bridgman, and William M. Conway, Pontiac Nursery Co., Romeo.

Alternate delegates elected include John Stark, Stark Nursery, Midland; R. D. Miller, R. D. Miller Nursery, Lansing; Emerson Brown, Emerson Brown Co., Birmingham; George Merryweather, Merry-Hill Nursery, Plymouth, and Harold Hicks, Lansing.

Exhibits

A number of exhibitors were present, including Terminal Sales Corp., Dearborn, Mich.; Smith Agricultural Chemical Co., Columbus, O.; American Agricultural Chemical Co., Royal Oak, Mich.; Greening Nursery Co., Monroe, Mich.; Growers Exchange, Inc., Farmington, Mich.; D. Hill Nursery Co., Dundee, Ill.; Michigan Peat, Inc., Capac, Mich.; Terra-Lite Division—Zonolite Corp., Chicago, Ill.; Ilgenfritz Nurseries, Inc., Monroe, Mich.; A. J. Brown & Son, Grand Rapids, Mich.; Rapid-Gro Corp., Dansville, N. Y.; A. E. Anderson; Pontiac Nursery Co., Romeo, Mich.; Emlong Nurseries, Inc., Stevensville, Mich.; Wil-Fred-Mel-Dale Nursery, Bay City, Mich., and Gray's, Inc., River Forest, Ill.

A GIFT farm of 350 acres in Erie and Sandusky counties has been accepted from a Toledo industrialist by the Ohio agricultural experiment station. The land is being used for such diverse projects as research in farm crops, livestock feeding and wildlife. Director L. L. Rummell, of the experiment station, says that the farm land is especially adapted for research in soil conservation practices for heavy soils.



You TALK Spraying... Why Not SELL SPRAYERS?

IT'S A REAL MONEY-MAKING SIDE LINE

It has always made sense to talk Spraying to your customers . . . now it's time to join those who have found that it makes "dollars and cents" to SELL SPRAYERS.* After each planting order is completed, your planting crews can make an Extra-Profit Sale when talking plant care by using and demonstrating the Deluxe KEN*SPRAYALL.

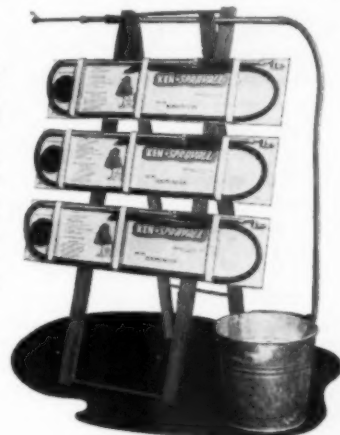
Home market customer acceptance has proven the Deluxe KEN-SPRAYALL to be the new leader in hand sprayers: Handles all spray solutions—swivel nozzle—finger-tip adjustment from fog-mist to full stream—built-in extension—points any direction—will withstand years of rough treatment, with simple care will last a lifetime. A child can operate it. Made of Brass and Neoprene tubing—no loose parts to lose; no tank to rust or replace.

WRITE TODAY for Special Nurserymen's Deal

SPRAYERS & NOZZLES, Inc.

ST. PETERSBURG FLORIDA

*Selling KEN*SPRAYALLS means more insecticide sales.



For Store Sales: An attractive self-demonstration display stand, profit proven in all retail stores.

PLAN NOW to Increase Your Spring Sales of Roses and Blooming Shrubs with---

MULTIPLEX



This modern merchandiser can help you increase sales. Its large swinging panels permit the display of colorful reproductions of the blooms of various roses and other blooming shrubs. Placed in a convenient location, close to bins or sales counters, the customers can readily see the colors of the blooms on the plants selected. They attract customers and because they help them make quicker selection you save many hours of valuable sales time.

These all-steel, swinging panel fixtures are being used in the salesrooms of many leading florists and in the garden sections of large department stores. Get complete information today. You'll be surprised how Multiplex can help you sell. The coupon below is for your convenience.



MULTIPLEX DISPLAY FIXTURE COMPANY

915-925 N. Tenth St., St. Louis 1, Mo.

Gentlemen:

Please send me catalog on Multiplex Swinging Panel Merchandisers.

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Company _____

Address _____

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Nurserymen!! SAVE LABOR COSTS AND TIME...with a MODEL "RE" YORK RAKE

Built especially for nursery use, the Model "RE" York Rake is the answer to your landscaping and grading problem. Designed for use with either tractor or jeep, it's a real labor-saver, reducing hand raking to a minimum.

It does a finished grading job... is ideal for spreading top soil... works close to foundations or buildings... and is easily stored.

It's ruggedly built, with teeth of heat-treated alloy spring steel rigidly attached to carbon spring steel heads. May be adjusted for operation at 2 angles, or used in straight position. All controls operated by tractor's hydraulic system.

For Complete Information, Write to "DEPT. R-2":

YORK MODERN CORPORATION • UNADILLA, N. Y.

Rake Builders for More Than 30 Years



LONG ISLAND MEETING

[Continued from page 14.]

ease, is dependent on about the same weather conditions, and its intensity varies from year to year because of weather differences.

Dr. Welsh showed a picture of a yew that was quite brown due to burning. This burning took place practically overnight and was preceded by a temperature of 78 degrees Fahrenheit, a 30-mile wind and a humidity of about 40 per cent.

Several maple leaves were exhibited that looked as though they had been badly damaged by a disease or eaten by a chewing insect. It was neither disease nor insect injury, but the leaves, while in their early stages of development, had been injured by a late spring frost.

Cross sections of the stems of various trees were shown in which the cambium had been killed or severely injured by frost.

Henry Hicks, the beloved "Johnny Applesced of Long Island," related some of his historic horticultural experiences. No nursery or horticultural meeting on Long Island is complete without Mr. Hicks' presence.

Insect Controls

John Naegle, extension entomologist of Cornell University, followed with a well-illustrated discussion on reliable controls for persistent pests.

Mr. Naegle introduced his talk with several Kodachrome slides that provided many good laughs. Each slide, however, did tell a graphic story. For instance, one picture portrayed an insect fully equipped with a man-made drill, while another picture depicted a larva with a miner's hat and light and a pick with which he was tearing away the plant cells.

Several important points were brought out. Lindane is now recommended over Chlordane for controlling birch leaf miner, since it does just as good a job and it is less expensive. Several treatments are

THIS IS THE WAY TO GET BEAUTIFUL LAWNS

Aerate with a Dunham **SPIKE DISC**

You can cultivate and aerate in one simple operation. The Dunham Spike-Disc is as easy to use as a lawn mower. The lawns you grow and care for can look as beautiful as golf greens, if you use a Dunham Spike-Disc.

The knife-like blades of the Dunham Spike-Disc cut unnoticeable slots to the root areas allowing air and moisture to circulate freely around the roots. Strong healthy grass forces out crab-grass, weeds, etc.

You'll get healthier lawns if you use a Dunham Spike-Disc.

manufactured by: **Ohio Machine Products, Inc.** Columbus, Ohio
Manufacturers of the
Dunham Hand and Fairway Water-Weight Rollers.

Write for full information to: Dept. A.N. 1

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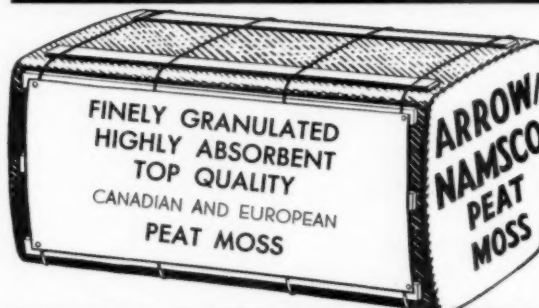
105 Duane St., New York, N. Y.



Spike-Disc No. 8T.

Tractor models available.

ARROW/NAMSCO PEATS = SALES REPEATS



Prompt Shipment

"HOLLANDIA" BURLAP
SQUARES

REED MATS

for Coldframes

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STATE REQUIREMENTS

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TURNER AND SHANNON

Registered Surveying

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PERFECTION MARKERS ARE BETTER



for Park Trees, Display Gardens, Field use or Greenhouse Pots or Benches. Proven by thousands of users and every one a booster! You'll like them, too. They will stand for years at one marking, or may be changed any number of times for various markings. Send for catalog and prices of the complete PERFECTION LINE.

The S-W Supply Co., 8, 33, Girard, Kan

"ROOTS-THRU" PLANT POT

WITH REINFORCED ROLLED EDGE

No longer necessary to remove
mizing replacements.

Suitable for Potting Roses,
and Many Other Items
Flower. Longer

pots before planting, thus mini-
Instructions on each pot.

Shrubs, Bulbs, Perennials
for late Planting in Full
Selling Season.

ROSE POT

Top Diameter 7 ins.
Height . . . 9 ins.
Bottom . . . 5 ins.
Per 100..\$ 6.00
Per 1000 50.00

Packed
200 per carton
Weight, 25 lbs.
per 100 pots.

PERENNIAL POT

Top Diameter 6½ ins.
Height . . 6 ins.
Bottom . . 5 ins.
Per 100...\$ 5.00
Per 1000.. 40.00

Packed
200 per carton.
Weight, 20 lbs.
per 100 pots.

Bottom Flaps Folded

JUST POTTED

Will last full season on top
of ground. Samples on Request.

"ROOTS-THRU" POT
BOULEVARD NURSERIES

← 3 MONTHS
AFTER planting
in the ground.

When placing pots on top of ground
leave a little air space around each pot.

PLANT POTS IN GROUND
Dept. B, NEWPORT, R. I.

necessary on Long Island because there are several generations. Where arborvitae leaf miner was concerned, Parathion gave good larval control when applied in late summer and early fall. It can also be used to circumvent mite damage resulting from the use of DDT.

It was pointed out that, when employing Parathion, one should use every precaution necessary because of its being deadly poisonous, particularly during the mixing operation. Use a respirator at all times.

Parathion, Mr. Naegle said, gave a good larval control on boxwood leaf miner and was recommended where DDT had been applied.

For holly leaf miner no material gave a good larval control. DDT as an adult treatment is still recommended. A miticide should be used with DDT to prevent mite damage, whether it be on holly or other plant similarly infested.

Ovotran gave the best residual action when used for spruce mite and southern red mite, but did not work well on adults. Dimite is still about the best for quick action and long residual effect. Amite had a short residual action, which meant that the mite population increased weeks after the application.

The important time for spraying

THE ROTARY TILLER

Designed

for NURSERY CULTIVATION

- High geared for fast cultivation.
- Plant guard to pick up low branches and foliage.
- Tines are a series of little hoes that will not clog or tangle.
- Gives a perfect, weed-free ground-mulched cultivation.

All Models Available

For details and price, write to **E. C. GEIGER CO.** P. O. Box 270, NORTH WALES, PA.

Manufactured by **SIMAR** SINCE 1918
The ORIGINAL SWISS ROTARY TILLER



"The Machine
that is Copied, But
Never Equaled!"

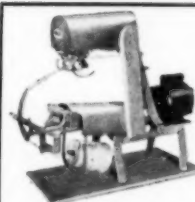
NURSERY TAGS

Suitable for Labeling

Trees—Shrubs—Plants—
etc.

Convenient—Economical

PREMIER SOUTHERN TICKET CO., Inc.
1623-31 Dana Ave. CINCINNATI 7, OHIO



**NEW
FELINS
ROTARY
MODEL
BUNCH
TYER**

Sturdier construction, smoother action,
for tying all varieties of nursery stock,
cut flowers and bunch vegetables at a
great saving of time, money, twine.

FELINS TYING MACHINE CO.
3381 N. 35th St.
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Litho Blooms

We are now offering 150 full-color Litho Bloom images 4 inches x 5 $\frac{3}{4}$ inches—gorgeous pictures of Roses, Shrubs, Ornamentals, Bulbs, etc. Ready immediately to sell your DORMANT stock; tells your customers just what they will buy—color and form—no wasting time, no possible misunderstandings. Send for complete folder listing subjects, prices, sample, etc.

SCHWABACHER-FREY CO.

735 Market St.
San Francisco, California

UNIFORM SUN CONTROL WITH



AlumaLath House

ALUMALATH

SO POPULAR... SO MANY USES...

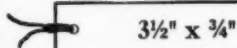
Uniform shading from one foot to acres—Patios for gracious outdoor living—Lath houses for things you want to grow—For cold frames—Greenhouse coverage—Or you decide where!

HARRY H. REYNOLDS

2561 VALENCIA ST.,
SANTA ANA, CALIFORNIA

ALUMINUM TAGS

(All-weather)



- Patented cardboard backing permits easy embossing with ordinary lead pencil.
- Heavy eyelet. Copper-wired.
- Attractive silver Aluminum, backed with yellow cardboard.
- Inexpensively priced:
1000 for... \$14.00 250 for... \$5.00
500 for... 9.00 100 for... 2.50

Write for samples.

BERRYHILL NURSERY CO.
P. O. Box 696 Springfield, Ohio

PROTECT YOUR NURSERY STOCK

At a Minimum Cost

With ASBO Steel Box Straps

Nail-on Type

Sheared to Size—Ready to Use.

No Tools Required.

Hammer and Nails Will Do the Job.

AMERICAN STEEL BAND COMPANY
Box 565 PITTSBURGH, PA.

BURLAST

BALL SAVER
ENDS RE-BURLAPPING

HILL'S NURSERY

P. O. Box 43 VICTORIA, TEXAS

with these materials is early spring.

Lindane gave a good control of elm leaf miner, and EPN shows promise as a control for mites.

In concluding, Mr. Naegle said that no materials have been found which effectively control the larvae of taxus weevil and that DDT is still recommended as an adult treatment.

Increasing Fertility

William MacRobbie, of the Oak Park Nursery, the afternoon chairman, introduced Dr. Oscar Eichmann, senior instructor at the Long Island Agricultural and Technical Institute. Dr. Eichmann gave a distinct challenge to the audience in his topic, "What Fertility Is and How It Can Be Increased."

The old adage is that plants cannot tell us their troubles, but Dr. Eichmann asserted they do, but we have to know how to interpret. By observation we may know why a tree is a good specimen rather than having to resort to test tubes and microscopes.

Dr. Eichmann stressed the importance of the element calcium. Even if all other elements are available in normal quantities, they will not be so effective on the growing plant as they would be if calcium were present in sufficient amounts and in an available form. If calcium is lacking, none of the other plant nutrients can act properly. In fact, other nutrients readily become toxic to the plant under these circumstances. Calcium is the chief regulating factor in the life of the plant and its inner functions.

In most cases the calcium content of the soil runs parallel to the soil reaction; that is, if the soil is too acid, calcium is usually lacking; if it is near neutral, there is usually enough calcium to supply the plant. There are cases, however, where the soil had a high reaction, yet the calcium was present only in insufficient or limited quantities. The pH test alone may not always be adequate. Another simple test can determine if there is a presence of sufficient calcium. Calcium factor can be increased without raising the pH by adding agricultural gypsum.

Iron and aluminum phosphates are available to ericaceous plants at a low pH, but not to many others that are just as badly in need of them. Nitrogen is not a serious factor in nature, but it is under cultivation where we disturb soil organisms, aeration and other environmental factors.

We can influence a plant only if water is available in the soil. Applied fertilizers have no effect on the plant

when applied if water is not there to finish the job and carry it into the plant root. Circulation of all soil functions is directly related to the amount of air in the soil. The cheapest things (water and air) are the most important for achieving good soil fertility; the minerals are the last consideration necessary.

Organic fertilizers were not recommended for nursery use because of being too expensive. The nurseryman should provide his own in the form of cover crops and more reasonable forms of nitrogen.

A concluding story was told that included the following characters: The good landscape man, the poor landscape man, the homeowner who knows nothing about plants and the nurseryman who grows good plants.

The poor landscape man cramps the plant roots into a hole entirely too small. The plant looks good for a year, since it is drawing on its own reserves. Eventually the plant becomes poorer and poorer because it is not strong enough to overcome the detrimental conditions of hard soil, lack of air, etc.

The good landscape man digs a hole sufficiently large and prepares the soil well. The plant grows and enjoys life, since it is in a medium or rhizosphere that is conducive for good growth. There is no severe check when it finally reaches the outside of the unprepared soil because it has been able to build up enough reserves to overcome the new conditions.

The question is, if you were the homeowner who knows nothing about plants, which landscape partner would you choose? The nurseryman apparently is the person who plays the incidental music during the play.

Turf Weeds

Dr. John Cornman, turf specialist of Cornell University, provided some good laughs for his hearers with his dry sense of humor, but also brought some important points to their attention in his talk on "Turf Weeds, Identification and Control."

Dr. Cornman had a small display of 25 to 30 6-inch pots of various turf weeds in the rear of the room, which many visitors had already taken time to study. Attached to each pot was a pen and ink print of the weed as one would find it in a lawn, not as one might find it if it had the opportunity of reaching maturity uninhibited.

The first of the newer grasses brought to the attention of the group was B27 bluegrass, better known as Merion bluegrass. This was first

Here's
WHY
Premier
is the
biggest
selling
peat
moss

With **PREMIER**—it's

easy
to
PEP-UP
your soil

BIG-VALUE BALES IN SIZES FOR EVERY NEED

Plastic Bags Kraft Paper Bags with new Metal Handle Handy Cartons

BAGS AND CARTONS FOR RE-PACKING

NURSERY after nursery is adopting the use of Premier Peat Moss as regular year-around practice, because Premier makes successful soil conditioning easier.

It gives you a **MORE LASTING SOURCE** of active organic matter than any other substance

It gives you a **MORE ABSORBENT** material for the storage of water and nutrients

Ask anyone who has used Premier Peat Moss and he will tell you to do the same. Premier *gets results*—in seedbeds, transplanting, liner beds and mulching. And Premier *gets business* because it's a wonderful re-sale item that will please any customer and bring him back for more.

In popular packages—from 1-pot bags to big bales. Write today for prices on Premier *Canadian* and *European* Peat Moss—98% organic and weed-free.

Premier Peat Moss Corp., 535 Fifth Avenue, New York 17, N. Y.

PREMIER PEAT MOSS

ROUGH BROS. DESIGN AND CONSTRUCT TWO GREENHOUSES IN WOOSTER, OHIO



These two 29x70-ft. greenhouses recently completed for the Ohio State Experimental Farm are equipped with Minneapolis Automatic Control Valves and Rough Bros. long life asbestos benches. Eight separate compartments were constructed for experimental purposes.

If you are planning to build a greenhouse why not let Rough Bros. give you a quotation?

ROUGH BROS.

Greenhouse Manufacturers and Builders

4227 Spring Grove Avenue

CINCINNATI 23, OHIO



MENNEPOTS Make Profits for You

Extend your selling season and save time and labor in your potting operations! The economical medium for merchandising Roses, Shrubs, Trees, Annuals, Perennials, etc., in full flower, in all seasons. **NO TRANSPLANTING; PLANT POT AND ALL.**

Lightweight—superior strength—ready to use, with stapled bottom. This makes for labor-saving in potting time, yet allows for aeration and drainage for root systems! Roots readily penetrate pot's walls and bottom in normal growing habit. Plants can be redug with ease months later, because of a compact root system. The extremely light weight of the Mennepot makes shipping costs negligible.

Special Prices on Carload Quantities.

Size	Approx. Wt. per 200		Top Dia.	Bot. Dia.	Ht.	Price per 100 Regular	Price per 1000 Regular	Price per 100 Heavy	Price per 1000 Heavy
	Regular	Heavy							
No. 0	20 lbs.	50 lbs.	4 ins.	3 3/4 ins.	4 ins.	\$2.75	\$25.00	\$3.75	\$35.00
No. 1	30 lbs.	70 lbs.	6 ins.	5 ins.	6 ins.	4.00	37.50	5.25	50.00
No. 2	48 lbs.	110 lbs.	7 ins.	5 3/4 ins.	8 ins.	4.50	42.50	5.75	55.00
No. 3	60 lbs.	140 lbs.	8 1/4 ins.	6 3/4 ins.	9 ins.	5.00	47.50	6.25	60.00
No. 4 Pan	60 lbs.	140 lbs.	8 3/4 ins.	7 1/2 ins.	6 ins.	5.00	47.50	6.25	60.00

500 or more take 1000 quantity price. Send 50c for one set of Samples.

All Shipments F.O.B. No. Tonawanda, N. Y.

Less than 100 pounds take 100-lb. freight rate.

Terms: 2% Cash with order. Net 30 Days.

Packed 100 and 200 per carton.

MENNO S. MENNES NURSERIES

Phone Lüdlow 4444

NORTH TONAWANDA, N. Y.

found by Joseph Valentine, of the Merion Cricket Club, near Philadelphia. This grass seems to hold up remarkably well during dry weather periods.

The following summarizations were made by Dr. Cornman: There is usually less crab grass present in the turf of Merion than in commercial bluegrass areas. Also, there are generally less browning and leaf spot in Merion than in commercial bluegrasses.

Zoysia matrella (Manila grass) was mentioned as particularly important to the residents of Long Island, since it does well under the hot dry summer conditions there. It does a remarkable job with its thick velvet carpet-like effect. The cost is one factor that prohibits its extensive use, since it is purchased by the square yard and set out in plugs. Seed is not available. Zoysia matrella browns badly after the first heavy fall frost and does not become green again until after the last spring frost. During the rest of the year it does a remarkable job once it is established, which takes from two to three years.

One of the visiting nurserymen mentioned the large panel of Manila grass at Jones beach state park. Walking on it is like walking on a thick springy carpet—much different from other turfs. There is a successful bank planting of it in this area, which was installed after a series of failures with other grasses.

Weed Control

Dr. A. M. S. Pridham, extension floriculturist of Cornell University, finished a fine program with an equally well-done talk on "Use of Herbicides for Control of Nursery Weeds."

Dr. Pridham outlined a good program and illustrated it with Kodachrome pictures. First, the preparation of the land for planting was discussed, stressing the importance of thorough plowing and fitting, and crop rotation, including cover or

the **Scythette**

4 TIMES FASTER than
ORDINARY METHODS

AUTOMATIC PORTABLE • POWER DRIVEN

Whether operated on rocky, rough ground or underwater, the Scythette cuts Weeds, Grass, Reeds evenly, in less time and without wasted motion. Weighs only 24 lbs., features 20" cutter bar, aluminum construction, 1 1/4 hp motor that runs many hours per gallon.

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The Power Scythe

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Porch,
Garden,
Social Room,
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Ideal for
Summer Homes,
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A complete line of chairs, rockers, tables, swings, gliders, picnic tables and benches—everything for the outdoors. Also complete bedroom outfits for summer cottages, camps. This rugged, rustic furniture offers nurseries a splendid extra-profit opportunity. A few samples are all the inventory needed. We ship your orders direct from factory. Write today for catalog and complete information.

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Harry M. Wolfe, Gen. Sales Mgr., 666 Lake Shore Dr., CHICAGO 11, ILL.



CHARLES ADAIR CO. 1225 Cottage Grove Ave. CHICAGO HEIGHTS, ILL.

smother crops, fertilized grass or pastures.

The need for correct row spacing was emphasized, since it will permit the efficient use of equipment for cultivating, hilling or mowing.

Where limited areas are involved, soil sterilants for seedbeds and mulches from one to three years were discussed. It was mentioned by one of the audience that he had experienced a splitting of the bark on the basal branches of *Azalea ledifolia alba* due to mulching during the growing season.

Contact herbicides applied as confined directional sprays created much interest. For control of fall annual weeds by repeated sprays on specific crops, the following materials were reported to provide good results, depending on the crops: Dinitros, pentachlorophenol (P. C. P.), cyanamide, Ammate, Niagarathal and Crain No. 1.

Dr. Pridham summarized his talk with two points: Nurserymen deal with many crops, usually in small acreages as compared to field crops; thus many of the advantages of pre-emergence and postemergence chemical weed control are not feasible.

Aside from deciduous plants, both fruits and ornamentals, nursery crops often occupy the same land for several to many years, so that grasses and perennial weeds may become established. Chemical control must be done with due regard to possible crop damage.

This meeting included for the first time nurserymen and estate superintendents, bringing together two groups that have a similar purpose—growing good plants for others to enjoy. The combined meeting provided an opportunity for an exchange of ideas, since the nurseryman grows plants for profit and the estate superintendent grows plants for the enjoyment of a limited group.

A WINNING COMBINATION

The answer to the Nurseryman's prayer.

He dug trees in snow, rain, mud and frost; never lost an order last fall. Hundreds of nurserymen who attended the Chicago and Columbus conventions are now satisfied that the Adair Digger will do the job.

Write for our new literature.



*Would you invest
3 to 5¢ per call
in a Top-notch
Salesman?*

HERE'S YOUR OPPORTUNITY! For more than 28 years, THE LANDSCAPE LETTER has been a successful salesman for leading nurserymen and landscape-men everywhere. This attractive, four page bulletin is the ideal way to get increased business from your *best* landscape market. Here's what it is doing for others—and will do for YOU!:

1. WINS NEW CUSTOMERS—keeps old customers interested and active.
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3. MAKES BUYERS, NOT SHOPPERS—creates desire and promotes action, through charts, pictures and words.
4. GETS INQUIRIES and profitable interviews.
5. BUILDS GOOD WILL—creates demand for your landscape work and services.
6. WORKS TWELVE MONTHS A YEAR—gets more business between seasons.
7. ECONOMICAL in either large or small quantities.

IMPORTANT! If your territory is open, THE LANDSCAPE LETTER offers you an *exclusive franchise*. Learn more about how THE LANDSCAPE LETTER will increase *your* business. Mail coupon today!

*Send
Coupon
Today!*

THE L. W. RAMSEY COMPANY

111 East Third St., Davenport, Iowa

WITHOUT OBLIGATION, send me complete information on how my firm can profit by THE LANDSCAPE LETTER.

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FIRM NAME _____

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STATE _____

For FAST, EASY WORK

This Garden Shop Hand Truck is so widely used today that few nurseries are without it. Many have several, use one on each delivery truck, others in the nursery.

SPECIFICATIONS
Equipped with Jumbo Balloon Tires and Tubes 12x4 inches.
Specially Designed Curved Nose.
All-Steel Construction electrically welded.
Weight 46 pounds.
Over-all Length 63 inches.
Over-all Width 27½ inches.
Capacity 28-in. Ball weighing 600 pounds.

Write for illustrated folder giving details and prices of the popular Garden Shop Nursery Hand Trucks.



NOTE Our NEW ADDRESS—We've moved our nursery and office to larger space and convenient location.

THE GARDEN SHOP, Inc.

6315 West 75th St.

Overland Park, Kansas

Phone HEdrick 3288 (Kansas City, Mo., exchange)



BLUE RIBBON TWINES

SISAL — BALER — BINDER

A new name for a better-than-ever, imported sisal twine designed to meet the requirements of the nursery trade. Carefully clipped, uniform first-grade twine for faster, more efficient tying.

Samples and prices on request.

MALOW CORDAGE & TWINE CO.

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OVERLOOKING WONDERFUL OPPORTUNITY

"The course is complete in every detail and easy to understand. I wish I had taken it years ago. I overlooked a wonderful opportunity and missed years of pleasure."

—H. L. Tate, Ohio

• YOU can improve your earning capacity by studying landscaping in your spare time! Enter a profession where you will be in demand. American Landscape School has an easy, practical, home-study course that can be completed in 8 to 12 months.

45 beautifully illustrated lessons. Landscape gardening for homes, estates, parks, cemeteries. FREE lifetime consultation service. 36th year. Successful graduates throughout the world. Write today for free catalog.

Francis A. Robinson, president, is a partner of Robinson & Parnham, member of American Association of Nurserymen in active professional landscape practice for 41 years.

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NURSERY BURLAP

Squares and Rolls

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NEW HEAVY DUTY SOIL CABLE FOR COMMERCIAL GROWERS

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SR08—400 watt—115 V. for 2 sash.....	\$ 6.00
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Large discounts for commercial users. Write today for free instructions, plans, data.

GRO-QUICK SALES

11141-7 Morang Rd., Detroit 24, Mich.

NEW JERSEY ELECTS

[Continued from page 14]

N. J. Mr. Flemer graduated from the landscape gardening course at Rutgers University in 1940. For his speech, Mr. Flemer chose the topic "The Seller's Side." He began by describing the early attempts by nurserymen to grow as well as merchandise their plant material. This method involved landscaping work that was often far from the nurseryman's home, thereby making it impossible fully to satisfy the needs of his customers as well as his own. Plant markets have emerged in the past 10 years to supplant this early procedure.

The rebirth of the landscape architect and advertising in its various forms, such as radio, television and newspapers, have contributed to enlarging the services that the nursery business is able to give the consumer. However, Mr. Flemer continued, these advances have added considerably to the unit cost of a nursery's operation. This fact threatens the competitive position of nurserymen in the struggle for the consumer's dollar.

Mr. Flemer advised his hearers that they must be prepared to spend for specialized equipment to replace expensive hand labor, they must improve their merchandising methods and they must make their advertising more effective if they hope to maintain their position. He stressed that they should be careful not to sell their knowledge and services too cheaply, that they should value their hard-won experience much as the professional man does his exhaustive education. He closed by reminding the audience that people in recent years are coming to respect the services that the nurseryman can provide and to value his product as a means of sustaining a healthy and sound population.

The Consumer's Side

The next speaker was R. P. Korbobo, the secretary of the association, who spoke on "The Consumer's Side" of the nursery business. Mr. Korbobo made it clear why he was qualified to speak for the consumer. As extension specialist in ornamental horticulture for the agricultural extension service at New Brunswick, N. J., he devotes much of his time to giving talks on landscape subjects to hundreds of organizations throughout the state of New Jersey. In these, he is talking directly with the consumer.

Mr. Korbobo told his listeners that

if they remembered only one thing in his talk, he would consider it a great success. This one thing was that the experienced nurseryman is in danger of becoming unresponsive to the needs of his consumers, especially if they are novices in the matter of horticultural buying. He compared such a nurseryman with the schoolteacher who knows his subject so thoroughly that he forgets that his students are just learning it. The situation, he went on to say, is no different than it was when Barnum made his famous statement that "there is one born every minute." Barnum was talking about the "sucker," and the secretary was speaking about new garden enthusiasts.

"There are always," said Mr. Kor-bobo, "new customers working their way in on the bottom of the deck, so to speak, and they will be in that deck for many years as consumers of nursery goods and allied products." He pointed out to his listeners that although it may be nerve racking and time consuming in the beginning, the wise businessman will deal kindly with these newcomers so that they will be better paying customers later on.

The speaker then asked the audience whether or not it thought this consumer was a special sort of creature. He then answered his own question by saying that the consumer of their products is not different from the consumer of other types of product. Everything looks rosy in the other businessman's field, and the plantsman seems to feel that he and only he has all these difficult human relation problems to solve with his customers.

Consumer Characteristics

The speaker did mention, however, that there were certain characteristics that are common to consumers as a group; other characteristics are peculiar to certain individuals. For example, when dealing with consumers you must realize that such items as those listed below will play an important role in your business rela-

WOOD LABELS

For Nurserymen

**DAYTON
FRUIT TREE LABEL
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Ray and Kiser Sts. DAYTON, O.

Nurserymen: It's not too early to recommend lawn feeding!

* Vigoro is the trade-mark for Swift & Company's complete, balanced plant food.

LET THE POWER OF THE **VIGORO** NAME HELP YOU SELL THESE TWO GARDENING AIDS:

End-o-Pest All-purpose dust that gives 3-way protection against chewing insects, sucking insects and fungus diseases.

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VIGORO has made more profits for more Dealers for more years than any other plant food!

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Better Quality—Lower Prices

Prompt Service

Moisture-resistant labels, plain or printed, single or sheets for typewriter use. Wide variety, lowest prices.

Shipping tags, color broadsides, catalogs, price lists, order blanks, order books, stock records, gummed labels, blotters, salesbooks, distinctive stationery.

Letterpress and offset printing. Write for free samples and prices.

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TWINE and CORDAGE

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NATURAL RAFFIA COLORED

DISPLAY GRASS MATS
CUT GRASS

JULIUS LOEWITH, INC.
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Established 1909



**The choice of tree men
for generations**



PROFESSIONAL PRUNER

No. 123 7" No. 124 8" No. 125 9"
\$3.25 \$3.75 \$4.25

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SNAP-CUT PRUNER

No. 119 8" \$2.75

The original, famous "SNAP-CUT". Razor sharp blade acts on non-dulling metal anvil.



LOPPING SHEARS

6 models to choose from. Cut up to 2" branches with ease.

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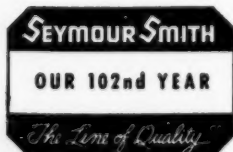


A new Seymour Smith development — the fastest, easiest cutters on the market. Complete line of 6 models covering all requirements up to chain saw work.

Tree Pruners and Pole Saws also available.

FREE: Send for full descriptive matter and prices on all Seymour Smith products for professional pruning and tree care.

Prices slightly higher Denver and West



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INQUIRIES
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tionships and your sales tactics with these people.

1. Some of your customers are experienced with plant material and know their way around; others are absolutely green at it and need to be educated.

2. Some customers "love" their plants; others simply buy them as a means to an end.

3. Certain people have ample supplies of money; others must pinch pennies.

4. Certain customers are of the demanding type, insist on plant material that actually does not exist; their opposites are willing to accept plants as they are.

5. Many people are impatient, and a few show some patience. Each of the above items was broken down and expanded in the talk.

At the close of his talk, Mr. Korbobo listed a few things that these consumers think they can get from the nurserymen. He pointed out that what they think they can obtain and what they can actually obtain are often two different things. However, if nurserymen will take particular note of some of these things it will be obvious that due to the unusual demands by the uninformed customer, certain changes are now taking place in the marketing of plants to satisfy these desires.

Department Store Service

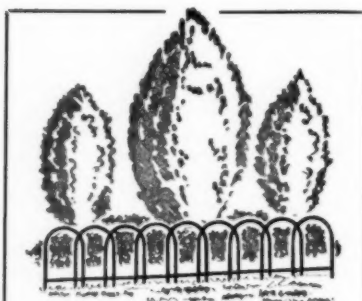
For example, it was pointed out that most consumers are used to the department store type of service. They like to enter one place and buy all of their needs for gardening. They don't want to buy fertilizer at the feed store, pick up a new spade and rake at the hardware store, go to the florist for a pot of ivy and then finally go to the nurseryman and buy a couple of specimen plants. They want them all at one place.

The speaker got a laugh from the audience when he told them that they all want "immediate delivery." Naturally, they want this "immediate delivery" on a hot, sunny Saturday afternoon when the plants are in their softest growing condition.

The secretary went into detail to explain that just because the consumers expect and hope for low prices, it does not necessarily mean that they are "cheap" bargain hunters. They are simply trying to get the most for the money, the same as they do in any other place of business.

They are all interested in the guarantee on their products, and some of them even go so far as to expect custom-built plants. The group of peo-

AMERICAN NURSERYMAN



E-Z-GARDS

the self-supporting fence, means fewer replacements. Satisfied customers, repeat business and greater sales volume with extra profit.



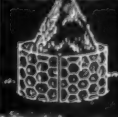
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LABELS FOR NURSERYMEN

**THE
BENJAMIN CHASE
COMPANY**
DERRY, N. H.

HOME "GARD" LAWN FENCE



PROTECTS SHRUBS, FLOWERS, LAWNS

The Home Gard Lawn Fence is sure protection for shrubs and flowers against damage by dogs and rabbits. May be placed around plants or used in a square formation for flower beds and lawns. White enamel finish adds to the appearance of any lawn. Size, 12 ins. high, 36 ins. long. Galvanized hexagon mesh is securely welded to three upright stakes. Easily moved. Low-priced.

Write for attractive dealer prices and also literature on other fast-selling nursery items.

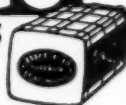
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TOP-QUALITY
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Full-pack bales in popular sizes
RIGHT PRICES • PROMPT SHIPMENTS
Horticultural and Poultry Grades

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IMPORTED HENCKEL PRUNING SHEARS AND KNIVES

Once again this high grade German cutlery is available. Made of razor steel, these shears and knives will take a fine edge and hold it indefinitely.



HENCKEL PRUNING SHEARS

	Each	Per 6	Dozen
No. 190. 7 1/2 ins.	\$4.00	\$21.60	\$40.36
No. 200. 8 1/2 ins.	4.50	24.30	44.80
No. 210. 9 1/2 ins.	5.00	27.00	50.40



HENCKEL DAHLIA SHEARS

Long, narrow blades for delicate trimming and pruning.

	Each	Per 6	Dozen
No. 192. 9 ins.	\$5.00	\$27.00	\$50.40



WISS HY-POWER PRUNER

	Each	Per 6	Dozen
No. 908. 8 ins.	\$2.50	\$12.60	\$22.00



TWO-BLADED KNIVES

No. 727. (Imported Henckel.)	Each	\$3.00	6 for	\$16.50
	Dozen			\$30.30

No. 716. (Schrade, American-made.)	Each	\$2.75	6 for	\$15.00	Dozen	\$24.00
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GRAFTING KNIVES

No. 778CB. (Imported Henckel.)	Each	\$ 2.75
6 for	\$15.00	Dozen \$24.00

No. 182. (Schrade, American-made.)	Each	\$2.50	6 for	\$14.00	Dozen	\$22.00
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FIXED BLADE KNIVES

Schrade, American-made.

No. 173. Grafting.	Each	\$0.90	Dozen	\$8.00
No. 174. Budding.	Each	\$0.90	Dozen	\$8.00

AMERICAN FLORIST SUPPLY CO., 1335 W. Randolph St., CHICAGO 7, ILL.

ple who insist on an immediate effect in their landscape planting was discussed at length. The various ways of meeting such demands and still making friends and good customers of these people were discussed.

The last item that these people think they are going to get, and one the speaker thought they should get, is directions with every plant they purchase. It was pointed out that it would do no good to sell a tractor with all of its laborsaving devices to a farmer who knew practically nothing about the mechanized vehicle. The same goes for people who are not thoroughly familiar with the cultural requirements of many plants. When they are sold a plant, a little tag or a 1-page leaflet should go along with that purchase telling the person how to plant and care for that particular specimen, so that he can enjoy his purchased item to the fullest.

Summer Meeting

It was tentatively agreed that the annual summer meeting of the association would be held at the Turner Bros. Nursery, West Long Branch. The nursery has just completed the construction of new offices and sales grounds, and inspecting these will be the high point of the summer meeting.

NOW AVAILABLE

"ROT" RESISTANT

NETHERLAND BURLAP SQUARES

You can dig and ship at your convenience because **THEY REALLY LAST!**

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THE NEW MODEL B LINDIG SOIL SHREDDER

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Improved performance with

- Actioned Shredding Blades
- Increased Capacity
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Write for descriptive folder and prices and name of your nearest dealer.

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"BRODLEAF" Holland Peat Moss

HALF MOON MFG. & TRADING CO. INC.
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Clavey "cradle-type"

TREE and SHRUB DIGGER

Slashes costs of digging and transplanting below half. 3 minutes to install on Ford or Ferguson tractor with Wagner W-2 loader.

Price: \$175.00.

Write for literature.

ELMER CLAVEY, Inc.
HIGHLAND PARK, ILL.

MAKE MORE MONEY TEST YOUR SOIL

Without any more work, you can greatly increase your yields the easy **SUDBURY Way!** Shows just how much nitrogen, phosphate and potash to use for every bench and field to get the most fancies, biggest crops and top market prices. Also tells whether lime is needed (pH) and how much.

No Knowledge of Chemistry Needed

It's as easy as reading a thermometer! Test as often as you want—no waiting for reports! You get the right answer from the soil itself!

The **SUDBURY Soil Test Kit** cuts fertilizer costs as well as giving you bigger yields—avoids wasting expensive nitrogen or potash by keeping soil in balance. Prevents over-dosing, or making soil toxic. Lifetime steel chest.

All season long, know how much plant food is in the soil—how much to add for biggest crops. Takes 10 minutes, costs less than 10c a test.

LET IT PAY FOR ITSELF!

Send No Money—pay only \$4.95 plus postage on delivery, then 4 monthly payments of \$6.75 each.

Better Crops Guarantee If your Soil Test Kit doesn't pay for itself many times within a year, return for full refund. **Order Today!**

Over 300,000 Sudbury Soil Test Kits Now in Use

SUDBURY LABORATORY, Box 971, So. Sudbury, Mass.
Dealers: Write for Special Offer

Imported DUTCH BURLAP SQUARES

REED MATS

HOLLAND and GERMAN

PEAT MOSS

CLOVERSET POTS

AVAILABLE AT ALL TIMES

**New Jersey Farm Supply
Cooperative Assn., Inc.**
449 Market St. East Paterson, N. J.

IT COSTS NO MORE

(and in most instances less)

FOR OUR PACKING OF

Nursery Burlap Squares and Rolls

Write for prices and samples

L. ATKIN'S SONS

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NOW IS THE TIME TO ORDER

GEYCO® PLASTIC LABELS and MARKERS

POT, \$9.25 per 1000 • WIRED, \$11.45 per 1000

Send for Samples and Low Prices

GEY BAND & TAG CO.

Box 363-A, Norristown, Pa., Phone: 8-2720

OHIO ARBORISTS

[Continued from page 10]

profession that requires considerable technical training of its workmen, as well as considerable physical ability and a knowledge of field practices. For some years a few of the larger companies trained their own men and still do to a certain extent. This, however, does not supply men for the thousands of smaller companies operating through the country. How and where can they find trained men? There is no source of trained men as yet on a nation-wide basis. Mr. Wysong suggested that state colleges and universities, in cooperation with the arborists' groups in their respective states, should sponsor courses for four to six weeks which would include training for field practices and an introduction to the technical sciences which are the know-how of the field work.

Such a course is being considered at the University of Illinois. Its success will depend on the cooperation of all concerned in the state. Such training will not result in trained diagnosticians, but will supply the field men with a degree of know-how and considerable skill in the various phases of field work and practices.

Panel on Spraying

The afternoon program consisted of two panel discussions, the first under the direction of Paul E. Tilford, executive secretary of the National Arborist Association. The panel consisted of Mr. Tilford, J. Melvin Easterday, Canton; H. N. Engledow, Indianapolis, Ind., and Oscar F. Warner, Waterbury, Conn.

The reports of the members of the panel brought out the following points:

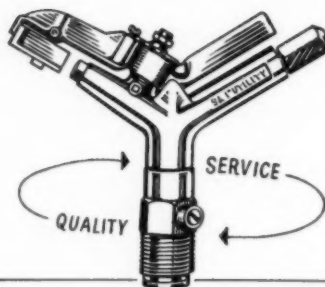
A dormant 12 per cent DDT application followed by a 4 to 6 per cent foliage spray just after the elm leaves were fully developed was of definite value in the control of the elm bark beetles of both American and European species.

Sanitation Program

A complete sanitation program which covered pruning of dead and dying wood from trees, eradication of infected trees and the destruction of all elm wood usually left lying around in alleys and on dumps was important in reducing the spread of the fungus. Such elm wood left lying around is a point from which the disease is spread.

There is more injury to susceptible plants, fish and birds from the greater amount of drip from hydraulic spraying than from the drift that

AMERICAN NURSERYMAN



SKINNER sprinklers

...for portable pipe irrigation

Gentle penetrating rain, available whenever and wherever you need it, assures maximum growth at lowest cost.

Skinner sprinklers are available in a complete range of sizes... give you even distribution of water and proper penetration. Write today for free catalog, including performance tables.

THE SKINNER IRRIGATION CO.

150 Water St., Troy, Ohio

ANOTHER CHAMPION

LOW-COST KNAPSACK SLIDE SPRAYER



Portable slide sprayer of big capacity, high power, simple operation; sprays any solution.

- ★ All-brass tank
- ★ Ideal extra sprayer
- ★ No leather packings
- ★ Self-cleaning
- ★ Steady spray or stream
- ★ Held snugly on back

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Mfrs. of Portable Sprayers and Dusters
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sometimes results from mist blower applications.

Mist blower applications are more economical, where they can be applied, than applications with a hydraulic sprayer. However, many situations call for the use of a hydraulic sprayer where it is not possible to approach trees in gardens, yards, etc.

A third spray in late July or early August does not seem to warrant the expense of application with reference to the degree of protection given in some circumstances. More results are needed before this fact can be definitely ascertained.

If any community waits till it has an epidemic of the disease before instituting a program of control, many trees will be lost that need not be lost if a complete spray and sanitation program is started as soon as the first incidences of infection are found. In fact, a program of prevention by protection should be started when the disease in its spread is definitely proved to be within a few miles of any location.

Panel on Street Trees

The panel on "Early Planting and Maintenance of Street Trees" consisted of T. F. Mathieu, department of horticulture, Ohio State University, leader; R. S. Barnhart, superintendent of parks, Akron, and J. A. Sweeney, city forester, Toledo. The reports and discussion stressed the following points:

The recommended sizes of trees to plant are 1½ to 3-inch caliper, the smaller sizes being least costly to plant, stake and maintain after planting and showing fewer losses from injury, drought and pests.

Wildling trees can be more safely transplanted in the smaller sizes.

Spacing should be the same for

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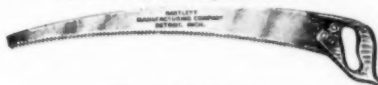
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No. 114B is 26 inches long and offers same exclusive design as No. 124B except for handle. Fast cutting, easily sharpened.



No. 114 Rapid Cut

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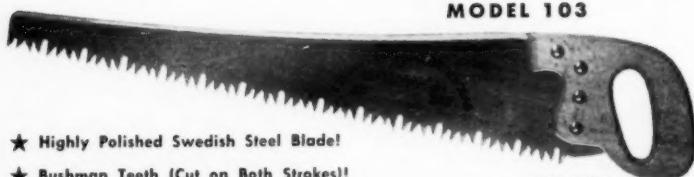


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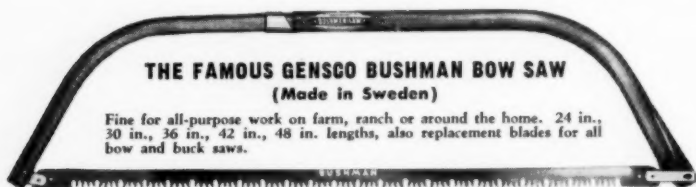
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small and large trees of the same species.

Well-decomposed organic matter or peat moss is safe and advisable to use mixed into the backfill when transplanting. Undecomposed organic matter of any kind or green manure is dangerous to use in the backfill.

Mulches may or may not be used, depending on the circumstances and the environment in which the street tree is planted.

Planting strips between the curb and the sidewalk are not, as a rule, a good place to plant trees. The space is too narrow to permit normal growth, sidewalks and curbs are raised by the tree roots and pavements and sidewalks limit greatly the amount of water available to the trees.

Superphosphate should be incorporated into the backfill at the time of planting. The use of a nitrate fertilizer, even in small or light applications, was felt to be questionable by many, and, on the other hand, its use was felt to be a definite requirement by as many others. (It might be well to note here that an investigation of this practice could be of great value. The use of a nitrate fertilizer at the time of transplanting could well vary with the requirements of the species, with the climatic influences or with the soil type specific to a section of a state or even a county.)

Wrapping with a paper wrap was better than with burlap in most cases. The wrap should be maintained for two growing seasons.

When plants of 1½ or 2-inch caliper are used, the added expense of B&B plants is not warranted in comparison to the results from using bare-root plants. The same may not hold true for larger plants.

Arborists' Election

The annual arborists' dinner was held in the evening. After dinner, Oscar Warner, Waterbury, Conn., showed films demonstrating the field practices of arborists' work. During the showing of the film, Mr. Warner commented on the phases of the work and the circumstances under which the work was done.

Following the talk, the Ohio chapter held its annual winter meeting. The following officers were elected for the coming year: President, E. A. Sanford, W. A. Natorp Co., Cincinnati; vice-president, Walter Bender, Cleveland, and secretary-treasurer, Dr. L. C. Chadwick, department of horticulture, Ohio State University.